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ADVANCED BLUETOOTH CD/HD RADIO RECEIVER

CDE-HD138BT/CDE-HD137BT

HD Radio® This HD Radio receiver enables: PSD HD2/HD3 Digital Sound iTunes® Tagging

SiriusXM READY

(CDE-HD138BT only)

Made for iPod iPhone

Bluetooth®

Parrot move wireless

BT PLUS

works with PANDORA® internet radio

- OWNER'S MANUAL
  Please read before using this equipment.
- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.
- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.

Thank you for purchasing this Alpine product. Please take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration.
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Operating Instructions

WARNING

⚠ WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.

Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

⚠ PRECAUTIONS

Product Cleaning

Use a soft dry cloth for periodic cleaning of the product. For more severe stains, please dampen the cloth with water only. Anything else has the chance of dissolving the paint or damaging the plastic.

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and –10°C (+14°F) before turning your unit on.

Moisture Condensation

You may notice the CD playback sound wavering due to condensation. If this happens, remove the disc from the player and wait about an hour for the moisture to evaporate.

Damaged Disc

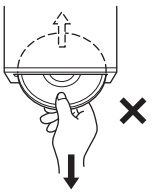
Do not attempt to play cracked, warped, or damaged discs. Playing a bad disc could severely damage the playback mechanism.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Never Attempt the Following

Do not grip or pull out the disc while it is being pulled back into the player by the automatic reloading mechanism.
Do not attempt to insert a disc into the unit when the unit power is off.



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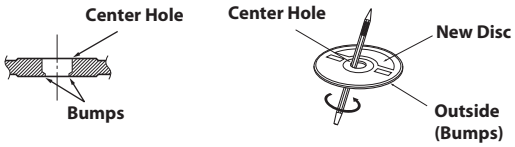
Inserting Discs

Your player accepts only one disc at a time for playback. Do not attempt to load more than one disc.
Make sure the label side is facing up when you insert the disc.
"ERROR" will be displayed on your player if you insert a disc incorrectly. If "ERROR" continues to be displayed even though the disc has been inserted correctly, push the **RESET** button with a pointed object such as a ballpoint pen.
Playing a disc while driving on a very bumpy road may result in skips, but this will not scratch the disc or damage the player.

New Discs

To prevent the CD from jamming, "ERROR" is displayed if discs with irregular surfaces are inserted or if discs are inserted incorrectly. When a new disc is ejected immediately after initial loading, use your finger to feel around the inside of the center hole and outside edge of the disc. If you feel any small bumps or irregularities, this could inhibit proper loading of the disc. To remove the bumps, rub the inside edge of the hole and outside edge of the disc with a ballpoint pen or other such instrument, then insert the disc again.



Irregular Shaped Discs

Be sure to use round shape discs only for this unit and never use any special shape discs.
Use of special shape discs may cause damage to the mechanism.

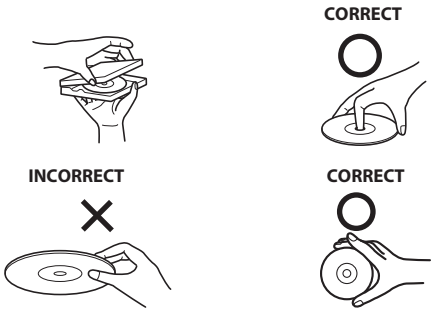
Installation Location

Make sure this unit will not be installed in a location subjected to:

- Direct sun and heat
- High humidity and water
- Excessive dust
- Excessive vibrations

Correct Handling

Do not drop the disc while handling. Hold the disc so you will not leave fingerprints on the surface. Do not affix tape, paper, or gummed labels to the disc. Do not write on the disc.



Disc Cleaning

Fingerprints, dust, or soil on the surface of the disc could cause the CD player to skip. For routine cleaning, wipe the playing surface with a clean, soft cloth from the center of the disc to the outer edge. If the surface is heavily soiled, dampen a clean, soft cloth in a solution of mild neutral detergent before cleaning the disc.

Disc Accessories

There are various accessories available on the market for protecting the disc surface and improving sound quality. However, most of them will influence the thickness and/or diameter of the disc. Using such accessories can cause the disc to be out of standard specifications and may create operational problems. We recommend not using these accessories on discs played in Alpine CD players.

On handling Compact Discs (CD/CD-R/CD-RW)

- Do not touch the surface.
- Do not expose the disc to direct sunlight.
- Do not affix stickers or labels.
- Clean the disc when it is dusty.
- Make sure that there are no bumps around the disc.
- Do not use commercially available disc accessories.

Do not leave the disc in the car or the unit for a long time. Never expose the disc to direct sunlight. Heat and humidity may damage the CD and you may not be able to play it again.

To customers using CD-R/CD-RW

- If a CD-R/CD-RW cannot be played back, make sure the last recording session was closed (finalized).
- Finalize the CD-R/CD-RW if necessary, and attempt playback again.

About media that can be played

The following table shows which discs can be played on which models.

	CD	CD-TEXT	MP3	WMA	AAC
CDE-HD137BT	○	○	○		
CDE-HD138BT	○	○	○	○	○

Use only compact discs with the label side showing the CD logo marks below.

If you use unspecified compact discs, correct performance cannot be guaranteed.
You can play CD-Rs (CD-Recordables)/CD-RWs (CD-ReWritables) which have been recorded only on audio devices.
You can also play CD-Rs/CD-RWs containing MP3/WMA/AAC formatted audio files.

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- Some of the following CDs may not play on this unit:
  Flawed CDs, CDs with fingerprints, CDs exposed to extreme temperatures or sunlight (e.g. left in the car or this unit), CDs recorded under unstable conditions, CDs on which a recording failed or a re-recording was attempted, copy-protected CDs which do not conform to the audio CD industry standard.
- Use discs with MP3 files written in a format compatible with this unit. For details, refer to "About MP3/WMA/AAC" on page 14.
- ROM data other than audio files contained in a disc will not produce sound when played back.

Protecting the USB Connection Terminal

- Only USB Flash Memory devices can be connected to the USB connection terminal on this unit. Correct performance using other USB products cannot be guaranteed. A USB hub is not supported.
- Depending on the shape or size of the device, it may not be connected to the USB terminal of this unit-a USB extension cable (sold separately) is recommended for this connection.
  Also, avoid connecting Flash Memory and Front Aux at the same time.
- A USB device inserted into the unit, may project out far enough to be a danger while driving. Use a commercially available USB extension cable, and connect it in a safe way.
- Depending on the connected Flash Memory device, the unit may not function or some functions may not be performed.
- MP3/WMA/AAC is the only audio file format playable on this unit.
- Artist/song name, etc., can be displayed, however not all characters may be correctly displayed.

On Handling Flash Memory

⚠CAUTION

Alpine accepts no responsibility for lost data, etc., even if data, etc., is lost while using this product.

- To prevent malfunction or damage, note the following points.
  Read the Flash Memory Owner's Manual thoroughly.
  Do not touch the terminals by hand or metal.
  Do not subject Flash Memory to excessive shock.
  Do not bend, drop, disassemble, modify or soak in the water.
- Avoid usage or storage in the following locations:
  Anywhere in the car exposed to direct sunlight or high temperatures.
  Anywhere the possibility of high humidity or corrosive substances is present.
- Fix the Flash Memory in a location where driver operation will not be hindered.
- Flash Memory may not function correctly at high or low temperature.
- The USB Flash Memory supports only 512 or 2,048 bytes per sector.
- Use only certified Flash Memory. Note that even certified Flash Memory, may not function correctly depending on its type or state.
- Flash Memory function is not guaranteed. Use Flash Memory according to the terms of agreement.
- Depending on the settings of the Flash Memory type, memory state or encoding software, the unit may not play back or display properly.
- A file that is copy-protected (copyright protection) cannot be played back.
- Flash Memory may take time to start playback. If there is a particular file other than audio in the Flash Memory, it may take considerable time before the file is played back or searched.
- The unit can play back "mp3", "wma" or "m4a" file extensions.
- Do not add the above extension to a file other than audio data. This non-audio data will not be recognized. The resulting playback may contain noise that can damage speakers and/or amplifiers.
- It is recommended to back up important data on a personal computer.
- Do not remove the USB device while playback is in progress. Change SOURCE to something other than USB, and then remove the USB device to prevent possible damage to its memory.

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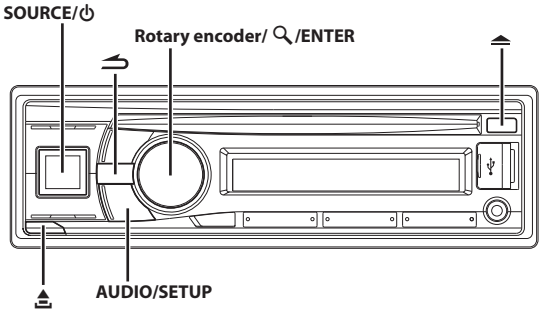
Getting Started



Accessory List

- **Head Unit 1**
- **Power Cable 1**
- **Microphone 1**
- **Mounting Sleeve 1**
- **Carrying Case.....1**
- **Bracket key 2**
- **Screw (M5 × 8) 4**
- **Owner's Manual.....1 set**

Turning Power On and Off

Press SOURCE/ ⏻ to turn on the unit.

Note

- *The unit can be turned on by pressing any other button except ⏏ and ⏏.*

Press and hold SOURCE/ ⏻ for at least 2 seconds to turn off the unit.

Note

- *The first time power is turned on, the volume will start from level 12.*

Source Selection

Press SOURCE/ ⏻ to change the source.

HD RADIO → SIRIUSXM*1 → DISC → USB AUDIO/iPod*2 → BT AUDIO*3 → BT PANDORA*4 → AUXILIARY*5 → HD RADIO

**1 Displayed only when a SiriusXM Tuner is connected. (CDE-HD138BT only)*

**2 Only when the iPod/iPhone is connected.*

**3 Only when AUDIO is set to ON. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

**4 Only when BT PANDORA is set to ON. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

**5 Only when AUX SETUP is set to ON. For details, refer to "Setting the AUX SETUP Mode" on page 23.*

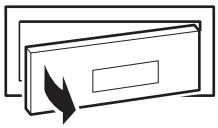
Detaching and Attaching the Front Panel

Detaching

1 **Turn off the unit power.**

2 **Press ⏏ at the lower left side until the front panel pops out.**

3 **Grasp the left side of the front panel and pull it out.**



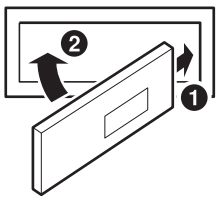
Notes

- *The front panel may become hot in normal usage (especially the connector terminals on the back of the front panel). This is not a malfunction.*
- *To protect the front panel, place it in the supplied carrying case.*
- *When detaching the front panel, do not apply excessive force as it may result in malfunction.*

Attaching

1 **Insert the right side of the front panel into the main unit. Align the groove on the front panel with the projections on the main unit.**

2 **Push the left side of the front panel until it locks firmly into the main unit.**



Notes

- *Before attaching the front panel, make sure that there is no dirt or dust on the connector terminals and no foreign object between the front panel and the main unit.*
- *Attach the front panel carefully, holding the sides of the front panel to avoid pushing buttons by mistake.*

Initial System Start-Up

Be sure to press the **RESET** button when using the unit for the first time, after changing the car battery, etc.

1 **Turn off the unit power.**

2 **Remove the detachable front panel.**

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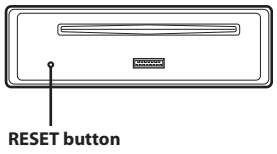
3 **Press RESET with a ballpoint pen or similar pointed object.**



Adjusting Volume

Turn the Rotary encoder until the desired sound is obtained.

Setting Time

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP selection mode.**

2 **Turn the Rotary encoder to select GENERAL, and then press 🔍/ENTER.**

AUDIO ↔ GENERAL ↔ DISPLAY ↔ TUNER ↔ SIRIUSXM* ↔ iPod ↔ BLUETOOTH

* *Only for CDE-HD138BT.*

3 **Turn the Rotary encoder to select the CLOCK ADJ mode, and then press 🔍/ENTER.**

The time indication will blink.

4 **Turn the Rotary encoder to adjust the hours while the time indication is blinking.**

5 **When the hour has been adjusted, press 🔍/ENTER.**

6 **Turn the Rotary encoder to adjust the minutes while the time indication is blinking.**

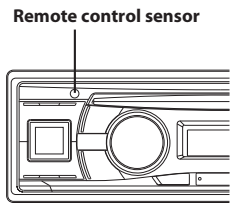
7 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

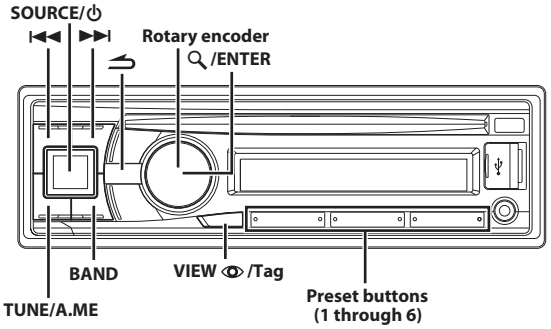
- *To synchronize the clock to another clock/watch or radio time announcement, press and hold 🔍/ENTER for at least 2 seconds after setting the "hour". Minutes will reset to "00". If the display shows over "30" minutes when you do this, the time will advance one hour.*
- *Pressing ⮌ will return to the previous mode.*
- *Pressing and holding ⮌ for at least 2 seconds will return to normal mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Controllable with Remote Control

This unit can be controlled with an optional Alpine remote control. For details, consult your Alpine dealer. Point the optional remote control transmitter at the remote-control sensor.



Radio/HD Radio™ Reception



This unit is able to receive signals based on the terrestrial digital radio broadcasting standard.
When current AM/FM broadcasters are transmitting digital audio and data services, HD Radio signals are on-the-air in their service area. You can receive their digital broadcast and enjoy high quality sound.
Depending on the setting of LISTENMODE, this unit will choose to receive Digital signals or Analog signals. For details, please refer to "Switching the listening mode" on page 24.
While receiving a live broadcast, you can fix on either Digital signals or Analog signals to receive. For details, refer to "Setting the Live mode (LIVE MODE)" on page 24.

Listening to Radio

1 **Press SOURCE/⏻ to select HD RADIO mode.**

Note

- *While receiving HD Radio signals, HD indicator lights up.*

2 **Press BAND repeatedly until the desired radio band is displayed.**

F1 (FM1) → F2 (FM2) → AM → F1 (FM1)

3 **Press TUNE/A.ME to select the tuning mode.**

SEEK DX (Distance mode) → SEEK LO (Local mode) → MANUAL (Manual mode) → SEEK DX

Note

- *The initial mode is Distance mode.*

Distance mode:
Both strong and weak stations will be automatically tuned in (Automatic Seek Tuning).

Local mode:
Only strong stations will be automatically tuned in (Automatic Seek Tuning).

Manual mode:
The frequency is manually tuned in steps (Manual tuning).

4 **Press ⏮ or ⏭ to tune in the desired station.**

Holding down ⏮ or ⏭ will change the frequency continuously.

Note

- *If SEEK TYPE is set to DIGITAL, the SEEK UP/DOWN functions only stop on digital station frequencies while receiving HD Radio signal. Refer to "Setting the Seek Type" on page 24.*

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Presetting Stations Manually

1 **Select the radio band and tune in a desired radio station you wish to store in the preset memory.**

2 **Press and hold (for at least 2 seconds) any one of the preset buttons (1 through 6) into which you wish to store the station.**

The selected station is stored.
The display shows the band, preset number and station frequency memorized.

Notes

- *A total of 18 stations can be stored in the preset memory (6 stations for each band; FM1, FM2 and AM).*
- *If you store a station in a preset memory which already has a station, the current station will be cleared and replaced with the new station.*

Presetting Stations Automatically

1 **Press BAND repeatedly until the desired radio band is displayed.**

2 **Press and hold TUNE/A.ME for at least 2 seconds.**

The tuner will automatically seek and store 6 strong stations in the selected band. They will be stored into preset buttons 1 to 6 in order of signal strength.
When the automatic memory has been completed, the tuner goes to the station stored in preset location No.1.

Notes

- *If no stations are stored, the tuner returns to the station you were listening to before the auto memory procedure began.*
- *Sub-program service of Multicast stations are not included in the automatic memory search.*

Tuning to Preset Stations

1 **Press BAND repeatedly until the desired band is displayed.**

2 **Press any one of the station preset buttons (1 through 6) that has your desired radio station in memory.**

The display shows the band, preset number and frequency of the station selected.

Note

- *If the digital signal for any service becomes weak, none of the digital features are available. For example, a Multicast channel recalled from preset memory will revert to the Main Program Service with loss of the digital signal ("SIG LOSS" is displayed). Upon return of the digital signal strength, the tuner will resume playback of the Multicast channel.*

Frequency Search Function

You can search for a radio station by its frequency.

1 **Press 🔍 /ENTER in Radio mode to activate the search mode.**

2 **Turn the Rotary encoder to select "F SEARCH", and then press 🔍 /ENTER to enter the frequency search mode. ***

* *Operation is not required when LISTENMODE is set to ANALOG (refer to "Switching the listening mode" on page 24).*

3 **Turn the Rotary encoder to select the desired frequency.**

4 **Press 🔍 /ENTER to receive the selected frequency.**

Note

- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode will be canceled if no operation is performed for 60 seconds.*

Multicast Station Search (HD Radio mode only)

If a frequency has a Multicast station broadcast, the Multicast indicator lights up. Use the Multicast search mode to select a desired program from the Multicast stations available.

Note

- *Make sure LISTENMODE is set to other than ANALOG (refer to "Switching the listening mode" on page 24).*

1 **Choose a frequency with the Multicast indicator on.**

2 **Press 🔍 /ENTER to activate the search mode.**

3 **Turn the Rotary encoder to select MULTI CAST, and then press 🔍 /ENTER to enter the Multicast search mode.**

4 **Turn the Rotary encoder to select the desired station, and then press 🔍 /ENTER. The selected station is received.**

Notes

- *Press* **VIEW** 👁 *at step 4. You can change the display between station name and program type.*
- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode will be canceled if no operation is performed for 60 seconds.*

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Receiving a Multicast Station (HD Radio mode only)

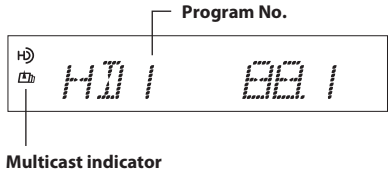
Multicasting is the ability to broadcast multiple program streams over a single FM frequency. This increases the amount and diversity of content choices. A maximum of eight multicast station channels can be selected on this unit.

Note

- *Make sure LISTENMODE is set to other than ANALOG (refer to "Switching the listening mode" on page 24).*

When multicast station is received, the program number and the Multicast indicator lights up. Press I◄◄ or ►►I to select the desired program service.*

Receiving the Multicast Station Program Service.



Program Service example:

Multicast Radio Station	Program No.	Program Service
88.1 MHz	1	Main Program Service
88.1 MHz	2	Sub-program Service
88.1 MHz	3	Sub-program Service
	|	
	|	
	|	
	|	
88.1 MHz	8	Sub-program Service

* *This operation can be performed only when MC SEEK is set to ON (refer to "Setting the Multicast Seek" on page 24).*

Storing the tag information (HD Radio mode only)

iTunes Tagging lets you tag songs heard on HD Radio stations. You can preview, buy and download later, songs from your iTunes tagged playlist the next time you sync your iPod/iPhone. If the unit is connected to a Tagging compatible iPod/iPhone, you can use the iTunes Tagging function. For details, refer to the Owner's Manual of the Tagging compatible iPod/iPhone.
The ***Tag*** indicator will light when a song playing on an HD Radio station has tag information available.

Press and hold VIEW /Tag for at least 2 seconds to save its tag information.

If no iPod/iPhone is connected, "TAG COUNT X" is displayed (X is the total number of tagged songs stored in this unit).

Notes

- *During tagging, the iPod/iPhone takes priority to save the tag information. If no iPod/iPhone is connected, the tag information is saved to this unit.*
- *When the memory of iPod/iPhone is full, "iPod FULL" and "TAG COUNT X" are displayed. The tag information will be stored to the unit.*
- *If the operation is failed, "CANNOT TAG" is displayed.*
- *This unit can store a maximum of 50 tagged songs. When the memory of the unit is full, "TAGCOUNT50" and "MEMO FULL" are displayed.*
- *When an iPod that doesn't support the tagging function is connected, "NON-TAGGING IPOD" is displayed.*
- *When the iPod/iPhone is disconnected from the unit during tagging, its tag information will be stored in the unit.*
- *If there is stored tag information on the unit, when an iPod/iPhone supporting the tag function is connected, the stored tag information will be transferred to the iPod/iPhone automatically. When the iPod/iPhone memory becomes full, "iPod FULL" will be displayed, and any remaining tag information on the unit will not be transferred to the iPod/iPhone.*
- *If a tagged song already exists, "ALREADY TAGGED" will be displayed when you try to tag the song again.*

About the Feature Logos

Digital Sound

- Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

PSD

- Program Service Data: Contributes to the superior user experience of HD Radio Technology. Presents song name, artist, station IDs, HD2/HD3 Channel Guide, and other relevant data streams.

HD2/HD3

- Adjacent to traditional main stations are extra local FM channels. These HD2/HD3 Channels provide new, original music as well as deep cuts into traditional genre.

iTunes® Tagging

- iTunes® Tagging provides you the opportunity to discover a wide range of content and the means to "tag" that content for later review and purchase from the iTunes® Store.

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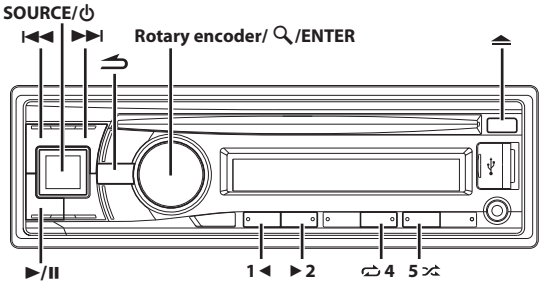
CD/MP3/WMA/AAC



About media that can be played

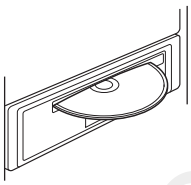
The following table shows which discs can be played on which models.

	CD	CD-TEXT	MP3	WMA	AAC
CDE-HD137BT	○	○	○		
CDE-HD138BT	○	○	○	○	○

Playback

1 **Insert a disc with the label side facing up.**

The disc will be pulled into the unit automatically.



Note

- *When a disc is already inserted, press* **SOURCE/⏻** *to switch to the DISC mode.*

2 **While playing back MP3/WMA/AAC, press 1◄ or ►2 to select the desired folder.**

Pressing and holding **1◄** or **►2** will change folders continuously.

3 **Press I◄◄ or ►►I to select the desired track (file).**

Pressing and holding I◄◄ or ►►I will fast backward/fast forward track continuously.

4 **To pause playback, press ►/II.**

Pressing **►/II** again will resume playback.

5 **To eject the disc, press ⏏.**

Notes

- *Do not remove a CD during its eject cycle. Do not load more than one disc at a time. A malfunction may result from doing either.*
- *The "💿" indicator lights up when a disc is inserted.*
- *Three-inch (8 cm) CDs can not be used.*
- *The track number displayed for Mp3/WMA/AAC playback is its corresponding file number recorded on the disc.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*
- *During CD/MP3/WMA/AAC playback, press ⮌ to return to the last selected search mode.*
- *Any file protected by DRM (Digital Rights Management) copy protection, cannot be played back on this unit.*

Repeat Play

1 **Press 4.**

The song is played back repeatedly.

🔁*1 → 🔁 🗀*2 → (off) → 🔁

**1 Only a track/file is repeatedly played back.*

**2 Only files in a folder are repeatedly played back. (MP3/WMA/AAC mode only)*

2 **To cancel repeat play, select (off) with the above procedure.**

M.I.X. (Random Play)

1 **Press 5.**

The songs are played back in random sequence.

🗀 🔀*1 → ALL 🔀*2/*3 → (off) → 🗀 🔀

**1 Only files in a folder are played back in random sequence. (MP3/WMA/AAC mode)*

**2 The tracks/files in the disc are played back in random sequence. (CD or MP3/WMA/AAC mode)*

**3 In the USB mode, all files stored in the Flash Memory are played back in random sequence.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Searching for CD Text

On discs utilizing CD Text, songs can be searched and played by using their recorded titles. For discs without CD Text, searches are made using the track numbers associated with each song.

1 **Press 🔍/ENTER during play.**

This will set the search mode, and the "🔍" indicator lights up.

2 **Turn the Rotary encoder to select the desired track, and then press 🔍/ENTER.**

This will play the selected track.

Notes

- *Press ⮌ in the search mode to cancel. Or, the search mode is canceled if no operation is performed for 60 seconds.*
- *When CD Text Search is made during M.I.X. play, the M.I.X. play mode will be canceled.*

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Folder/File Name Search (concerning MP3/WMA/AAC)

Folder and file names may be searched and displayed during playback.

Folder Name Search mode

1 **During MP3/WMA/AAC playback, press 🔍 / ENTER to activate the search mode.**
The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select Folder Name Search mode, and then press 🔍 / ENTER.**

3 **Turn the Rotary encoder to select the desired folder.**

4 **Press and hold 🔍 / ENTER for at least 2 seconds to play back the first file in the selected folder.**

Notes

- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode is canceled if no operation is performed for 60 seconds.*
- *To search for files within a folder, press 🔍 / ENTER. Files in the folder may be searched.*
- *Press ⮌ to exit Folder Name Search mode in step 3.*
- *The root folder is displayed as "ROOT".*
- *When Folder Name Search is made during M.I.X. play, the M.I.X. play mode will be canceled.*

File Name Search mode

1 **During MP3/WMA/AAC playback, press 🔍 / ENTER to activate the search mode.**
The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select File Name Search mode, and then press 🔍 / ENTER.**

3 **Select the desired file by turning the Rotary encoder.**

4 **Press 🔍 / ENTER to play back the selected file.**

Notes

- *Press and hold ⮌ for at least 2 seconds in the search mode to cancel. Or, the search mode is canceled if no operation is performed for 60 seconds.*
- *Press ⮌ in the search mode to return to the previous mode.*
- *When File Name Search is made during M.I.X. play, the M.I.X. play mode will be canceled.*
- *Press **1◄** or **►2** to select another Folder.*

About MP3/WMA/AAC

⚠CAUTION

Except for private use, duplicating audio data (including MP3/WMA/AAC data) or distributing, transferring, or copying it, whether for free or for a fee, without permission of the copyright holder is strictly prohibited by the Copyright Act and by international treaty.

What is MP3?

MP3, whose official name is "MPEG Audio Layer 3," is a compression standard prescribed by the ISO, the International Standardization Organization and MPEG which is a joint activity institution of the IEC. MP3 files contain compressed audio data. MP3 encoding is capable of compressing audio data at extremely high ratios, reducing the size of music files to as much as one-tenth their original size. This is achieved while still maintaining near CD quality. The MP3 format realizes such high compression ratios by eliminating the sounds that are either inaudible to the human ear or masked by other sounds.

What is AAC?

AAC is the abbreviation for "Advanced Audio Coding", and is a basic format of audio compression used by MPEG2 or MPEG4.

What is WMA?

WMA, or "Windows Media™ Audio," is compressed audio data. WMA is similar to MP3 audio data.

Method for creating MP3/WMA/AAC files

Audio data is compressed using software with MP3/WMA/AAC codes. For details on creating MP3/WMA/AAC files, refer to the user's manual for that software.
MP3/WMA/AAC files that are playable on this device have the file extensions.
MP3: "mp3"
WMA: "wma" (Ver. 7, 8, and 9 are supported)
AAC: "m4a"
There are many different versions of the AAC format. Confirm that the software being used conforms to the acceptable formats listed above. It's possible that the format may be unplayable even though the extension is valid.
Playback of AAC files encoded by iTunes is supported.

Supported playback sampling rates and bit rates

MP3

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	8 - 320 kbps

WMA

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz
Bit rates:	32 - 192 kbps

AAC

Sampling rates:	48 kHz, 44.1 kHz, 32 kHz, 24 kHz, 22.05 kHz, 16 kHz, 12 kHz, 11.025 kHz, 8 kHz
Bit rates:	16 - 320 kbps

This device may not play back correctly depending on sampling rates.

ID3 tags/WMA tags

This device supports ID3 tag v1 and v2, and WMA tag.
If tag data is in an MP3/WMA file, this device can display the title (track title), artist name, and album name ID3 tag/WMA tag data.
This device can only display single-byte alphanumeric characters (up to 30 for ID3 tags and up to 15 for WMA tags) and the underscore. For non-supported characters, "NO SUPPORT" is displayed.
If information contains characters other than ID3 tag information, the audio file may not be played back.
The tag information may not be correctly displayed, depending on the contents.

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Producing MP3/WMA/AAC discs

MP3/WMA/AAC files are prepared, then written to a CD-R or CD-RW using CD-R writing software. A disc can hold up to 509 files/folders (including Root Folders), and the maximum number of folders is 255. Playback may not be performed if a disc exceeds the limitations described above.

Media supported

The media that this device can play back are CD-ROMs, CD-Rs, and CD-RWs.

Corresponding File Systems

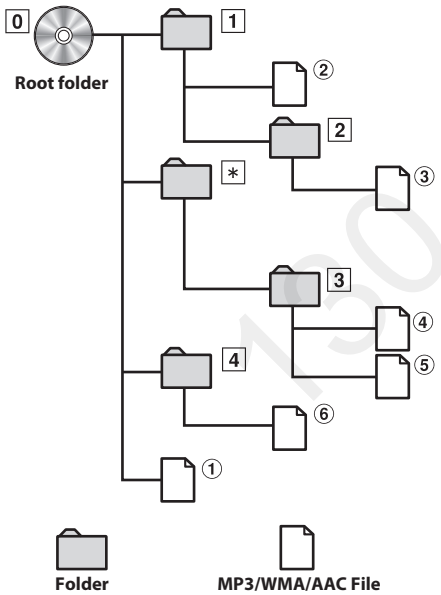
This device supports discs formatted with ISO9660 Level 1 or Level 2.
Under the ISO9660 standard, there are some restrictions to remember.
The maximum nested folder depth is 8 (including the root directory).
The number of characters for a folder/file name is limited.
Valid characters for folder/file names are letters A-Z (all caps), numbers 0-9, and '_' (underscore).
This device also can play back discs in Joliet, Romeo, etc., and other standards that conform to ISO9660. However, sometimes the file names, folder names, etc., are not displayed correctly.

Formats supported

This device supports CD-ROM XA, Mixed Mode CD, Enhanced CD (CD-Extra) and Multi-Session.
This device cannot correctly play back discs recorded with Track At Once or packet writing.

Order of files

Files are played back in the order that the writing software writes them to the disc. Therefore, the playback order may not be what is expected. Verify the writing order in the software's documentation. The playback order of the folders and files is as follows.



* *The folder No./ folder Name will not be displayed if no readable file is contained in the folder.*

Terminology

Bit rate

This is the "sound" compression rate specified for encoding. The higher the bit rate, the higher the sound quality, but also the larger the files.

Sampling rate

This value shows how many times per second the data is sampled (recorded). For example, music CDs use a sampling rate of 44.1 kHz, so the sound is sampled (recorded) 44,100 times per second. The higher the sampling rate, the higher the sound quality, but also the larger the volume of data.

Encoding

Converting music CDs, WAVE (AIFF) files, and other sound files into the specified audio compression format.

Tag

Song information such as track titles, artist names, album names, etc., written into MP3 files.

Root folder

The root folder (or root directory) is found at the top of the file system. The root folder contains all folders and files. It is created automatically for all burned discs.

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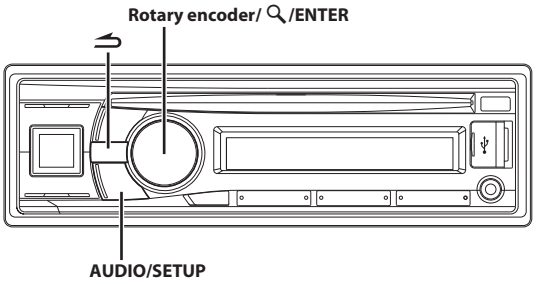
Sound Setting



Adjusting Subwoofer Level/Bass Level/ Middle Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Loudness/Defeat

1 **Press AUDIO/SETUP repeatedly to choose the desired mode.**

Each press changes the mode as follows:

SUBWOOFER[*1] → BASS LEVEL[*2] → MID LEVEL[*2/*4] → TRE LEVEL[*2] → BALANCE → FADER → LOUDNESS[*2/*3/*4] → DEFEAT → VOLUME → SUBWOOFER

**1 When the subwoofer mode is set to OFF, its level cannot be adjusted.*
**2 Adjustable only when DEFEAT is OFF.*
**3 For details about loudness, refer to "Turning Loudness On/Off (CDE-HD137BT Only)" on page 17.*
**4 Only for CDE-HD137BT.*

Subwoofer	+0 ~ +15
Bass level	−7 ~ +7[*4] / −6 ~ +6[*5]
Middle level	−7 ~ +7[*4]
Treble level	−7 ~ +7[*4] / −6 ~ +6[*6]
Balance	L15 ~ R15
Fader	R15 ~ F15
Loudness	ON/OFF
Defeat	ON/OFF
Volume	0 ~ 35

**5 Only for CDE-HD138BT.*
Setting value will change according to the level value set in BAND1 of P-EQ or G-EQ. Refer to "Adjusting the Parametric Equalizer Curve (5BAND P.EQ) (CDE-HD138BT Only)" on page 17 or refer to "Adjusting the Graphic Equalizer Curve (7BAND G.EQ) (CDE-HD138BT Only)" on page 17.
**6 Only for CDE-HD138BT.*
Setting value will change according to the level value set in BAND5 of P-EQ or BAND7 of G-EQ. Refer to "Adjusting the Parametric Equalizer Curve (5BAND P.EQ) (CDE-HD138BT Only)" on page 17 or refer to "Adjusting the Graphic Equalizer Curve (7BAND G.EQ) (CDE-HD138BT Only)" on page 17.

Note

- *If no operation is performed for 5 seconds, the unit automatically returns to normal mode.*

2 **Turn the Rotary encoder until the desired sound is obtained in each mode.**

By setting DEFEAT ON, previously adjusted settings of BASS, MID, TRE LEVEL and LOUDNESS will return to the factory defaults.

Audio Setup

You can flexibly customize the unit to suit your own preference and usage. From the AUDIO SETUP menu, Audio Setting can be modified.

Use steps 1 to 5 to select the category you wish to modify. For details on how to change each setting, see the following sections below.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select AUDIO, and then press 🔍/ENTER.**

AUDIO ↔ GENERAL ↔ DISPLAY ↔ TUNER ↔ SIRIUSXM[*6] ↔ iPod ↔ BLUETOOTH

3 **Turn the Rotary encoder to select the desired sound setting menu, and then press 🔍/ENTER.**

(e.g. Select SUBWOOFER)

FACTORY EQ[*1/*2] ↔ LOUDNESS[*1/*2] ↔ EQ MODE[*2/*6] ↔ 5BAND P.EQ[*2/*3] ↔ 7BAND G.EQ[*2/*4] ↔ MX SETTING[*2] ↔ 3BAND EQ[*1] ↔ VOL LV ADJ ↔ HPF[*2] ↔ SUBWOOFER ↔ SUBW LPF[*5] ↔ SUBW PHASE[*5] ↔ SUBW SYS[*5] ↔ POWER IC

**1 Only for CDE-HD137BT.*
**2 Adjustment cannot be performed when DEFEAT is set to ON.*
**3 Only for CDE-HD138BT.*
Displayed when EQ MODE is set to 5BAND P.EQ.
**4 Only for CDE-HD138BT.*
Displayed when EQ MODE is set to 7BAND G.EQ.
**5 These functions are inoperable when Subwoofer is set to OFF.*
**6 Only for CDE-HD138BT.*

4 **Turn the Rotary encoder to change the setting, and then press 🔍/ENTER.**

(e.g. Select SUBW ON or SUBW OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes

- *Pressing ⮌ returns to the previous Sound menu mode.*
- *Pressing and holding ⮌ for at least 2 seconds will return to normal mode.*
- *If no operation is performed for 60 seconds, Sound menu mode is canceled.*

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Equalizer Presets (F-EQ) (CDE-HD137BT Only)

10 typical equalizer settings are preset at the factory for a variety of musical source material.

Setting item: FACTORY EQ

Setting contents:
USER / FLAT (Initial setting) / POPS / ROCK / NEWS / JAZZ / ELEC DANCE / HIP HOP / EASY LIS / COUNTRY / CLASSICAL

Turning Loudness On/Off (CDE-HD137BT Only)

Loudness introduces a special low-and high-frequency emphasis at low listening levels. This compensates for the ear's decreased sensitivity to bass and treble sound.

Setting item: LOUDNESS

Setting contents:
OFF (Initial setting) / ON

Setting EQ mode (CDE-HD138BT Only)

This setting gives you a choice of 5-band parametric, or 7-band graphic equalizer.

Setting item: EQ MODE

Setting contents:
5BAND P.EQ (Initial setting) / 7BAND G.EQ

5BAND P.EQ:
5-band Parametric EQ.

7BAND G.EQ:
7-band Graphic EQ.

Adjusting the Parametric Equalizer Curve (5BAND P.EQ) (CDE-HD138BT Only)

The Parametric EQ function gives more flexibility than the Graphic EQ in covering problem areas in the vehicles response curve.
You can modify the Equalizer settings to create a response curve more appealing to your personal taste.

1 **Turn the Rotary encoder to select the Band, and then press 🔍 / ENTER.**

BAND1 ↔ BAND2 ↔ BAND3 ↔ BAND4 ↔ BAND5

2 **Turn the Rotary encoder to select the desired item, and then press 🔍 / ENTER.**

WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

Setting the Bandwidth (WIDTH (Q))

3-1 **Turn the Rotary encoder to select the desired bandwidth.**

WIDE 1 (Initial setting) ↔ MEDIUM 2 ↔ MEDIUM 3 ↔ NARROW 4

Change the boosted bandwidth to wide or narrow. A wider setting will boost a wide range of frequencies above and below the center frequency. A narrower setting will boost only frequencies near the center frequency.

Setting the Center Frequency (CENTER FRQ)

3-2 **Turn the Rotary encoder to select the desired center frequency.**

BAND1: 63/80/100/200 (63 Hz)
BAND2: 160/250/400/630/1.0 K (160 Hz)
BAND3: 630/1.0 K/1.6 K/2.5 K/4.0 K (630 Hz)
BAND4: 1.6 K/2.5 K/4 K/6.3 K/10.0 K (1.6 KHz)
BAND5: 10.0 K/12.5 K/16 K/17.5 K (10.0 KHz)

Setting the Level

3-3 **Turn the Rotary encoder to select the desired level (–6 ~ +6).**

4 **Repeat steps 1 to 3 to adjust other Bands.**

Notes

- *Press ⮌ to return to the previous step.*
- *The frequency range of adjacent bands should not overlap.*
- *While adjusting the Parametric EQ, you should consider the frequency response of the connected speakers.*
- *Using the Parametric EQ disables the Graphic EQ function.*

Adjusting the Graphic Equalizer Curve (7BAND G.EQ) (CDE-HD138BT Only)

The Graphic EQ is simpler to set up and use compared to the Parametric EQ.
You can modify the equalizer settings to create a response curve more appealing to your personal taste.

1 **Turn the Rotary encoder to select the desired band, and then press 🔍 / ENTER.**

BAND1 80 ↔ BAND2 250 ↔ BAND3 500 ↔ BAND4 1.0 K ↔ BAND5 4.0 K ↔ BAND6 8.0 K ↔ BAND7 16.0 K

2 **Turn the Rotary encoder to select the desired level (–6 ~ +6), and then press 🔍 / ENTER.**

3 **Repeat steps 1 to 2 to adjust other Bands.**

Notes

- *Press ⮌ to return to the previous step.*
- *Using the Graphic EQ disables the Parametric EQ function.*

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Storing the P.EQ/G.EQ Settings (CDE-HD138BT Only)

The Settings of 5BAND P.EQ/7BAND G.EQ can be stored in the preset memory.

1 **When the settings of P.EQ/G.EQ have been completed, select any one of the preset buttons (1 through 6) in any adjusting item of 5BAND P.EQ/7BAND G.EQ (e.g. BAND), press and hold the desired preset buttons for at least 2 seconds.**

2 **Turn the Rotary encoder to select PROTECT NO/YES, and then press 🔍/ENTER to store the adjusted contents.**

PROTECT NO ↔ PROTECT YES (Initial setting)

Notes

- *If YES is selected, the adjusted contents are protected and stored into the preset buttons. When you want to store the parameter into a protected preset button, "REPLACE NO/YES" can be selected. If NO is selected, the preset is stored.*
- *While performing this operation, all adjusted contents of Parametric EQ/Graphic EQ will be stored in the preset buttons.*
- *The stored contents are not deleted even when resetting the unit or disconnecting the battery.*
- *The stored contents can be recalled by performing operation (refer to "Recalling the Stored P.EQ/G.EQ Adjustment Settings (CDE-HD138BT Only)" on page 18).*

Recalling the Stored P.EQ/G.EQ Adjustment Settings (CDE-HD138BT Only)

The stored Settings of 5BAND P.EQ/7BAND G.EQ that are stored in the preset memory.

After selecting any adjusting item of 5BAND P.EQ/7BAND G.EQ (e.g. BAND), press any one of the preset buttons (1 through 6) that has your desired characteristic in memory to recall the stored settings.

Note

- *While performing this operation, all adjustment contents of Parametric EQ/Graphic EQ stored in the preset buttons will be recalled, and demonstrated automatically.*

Setting the Media Xpander mode (CDE-HD138BT Only)

MX (Media Xpander) makes vocals or instruments sound distinct regardless of the music source. The FM radio, CD, and iPod, etc. will be able to reproduce the music clearly even in cars with a lot of road noise.

▌**Setting item:** MX SETTING

1 **Turn the Rotary encoder to select the source to which you want to apply Media Xpander, and then press 🔍/ENTER.**

ANALOG TU[*1] ↔ HD1[*2] ↔ HD2[*3] ↔ HD3&OTHER[*4] ↔ SIRIUSXM ↔ CD ↔ CMPM[*5] ↔ USB ↔ iPod ↔ BT AUDIO ↔ BT PANDORA ↔ AUX ↔ PHONE HFP[*6]

**1 Be applied for FM radio (analog mode).*
**2 Be applied for the Main-Program Service channel (HD Radio mode).*
**3 Be applied for the first Sub-Program Service channel (Program No.2) (HD Radio mode).*
**4 Be applied for other Sub-Program Service channels (Program No.3-8) (HD Radio mode).*
**5 Be applied for MP3/WMA/AAC files in disc.*
**6 Be applied for hands-free phone.*

2 **Turn the Rotary encoder to select the Media Xpander level, and then press 🔍/ENTER.**

LEVEL OFF ↔ LEVEL 1 ↔ LEVEL 2 ↔ LEVEL 3 ↔ CUSTOM

Customizing the Media Xpander setting

If CUSTOM is selected in step 2, you can modify the Media Xpander to suit your personal preference.

3 **Turn the Rotary encoder to select the Band, and then press 🔍/ENTER. BAND1 (Lower frequencies) → BAND5 (Higher Frequencies)**

BAND1 (Bass) ↔ BAND2 (Mid Bass) ↔ BAND3 (Mid) ↔ BAND4 (Mid High) ↔ BAND5 (High)

4 **Turn the Rotary encoder to select the setting item, and then press 🔍/ENTER.**

HARMONIC ↔ LEVEL

5 **Turn the Rotary encoder to make the setting, and then press 🔍/ENTER.**

HARMONIC[*]: LOW/HIGH
LEVEL: 0 ~ +10

** You can adjust the level of harmonic through this setting.*

6 **Repeat steps 3 to 5 to complete the setting of other bands.**

Adjusting the Parametric Equalizer Curve (3BAND EQ) (CDE-HD137BT Only)

You can modify the Equalizer settings to create a response curve more appealing to your personal taste. The setting of Bass, Mid and Treble can be adjusted in this mode.

▌**Setting item:** 3BAND EQ

▌**Further setting items:** BASS / MID / TREBLE

Setting the Bass Control

1 **After selecting BASS from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired item, and then press 🔍/ENTER.**

WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2 **Turn the Rotary encoder to select the desired setting value, and then press 🔍/ENTER.**

3 **Press ↩ to return to the previous step.**

▌**Setting the Bass Bandwidth (WIDTH (Q))**

Turn the Rotary encoder to select the desired bass bandwidth.

WIDE 0.50 ↔ MEDIUM 1.00 ↔ MEDIUM 1.50 ↔ NARROW 2.00

Change the boosted bass bandwidth to wide or narrow. A wider setting will boost a wide range of frequencies above and below the center frequency. A narrower setting will boost only frequencies near the center frequency.

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Setting the Bass Center Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired bass center frequency.

60 (Hz) ↔ 80 (Hz) ↔ 100 (Hz) ↔ 120 (Hz)

Emphasize the displayed bass frequency ranges.

Setting the Bass Level

Turn the Rotary encoder to select the desired bass level (–7 ~ +7)*.

You can emphasize or weaken the bass level.

* *The adjustment can also be made by pressing* **AUDIO**. *Refer to "Adjusting Subwoofer Level/Bass Level/Middle Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/Loudness/Defeat" on page 16.*

Setting the Mid Control

1. **After selecting MID from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired item, and then press 🔍/ENTER.**

   WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2. **Turn the Rotary encoder to select the desired setting value, and then press 🔍/ENTER.**

3. **Press ⮌ to return to the previous step.**

Setting the Mid Bandwidth (WIDTH (Q))

Turn the Rotary encoder to select the desired Mid bandwidth.

WIDE 0.75 ↔ MEDIUM 1.00 ↔ MEDIUM 1.25 ↔ NARROW 1.50

Setting the Mid Center Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired Mid center frequency.

500 (Hz) ↔ 1.0 k (Hz) ↔ 1.5 k (Hz) ↔ 2.5 k (Hz)

Setting the Mid Level

Turn the Rotary encoder to select the desired Mid level (–7 ~ +7)*.

You can emphasize or weaken the Mid level.

* *The adjustment can also be made by pressing* **AUDIO**. *Refer to "Adjusting Subwoofer Level/Bass Level/Middle Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/Loudness/Defeat" on page 16.*

Setting the Treble Control

1. **After selecting TREBLE from the 3BAND EQ adjustment mode, turn the Rotary encoder to select the desired item, and then press 🔍/ENTER.**

   WIDTH (Q) ↔ CENTER FRQ ↔ LEVEL

2. **Turn the Rotary encoder to select the desired setting value, and then press 🔍/ENTER.**

3. **Press ⮌ to return to the previous step.**

Setting the Treble Bandwidth (WIDTH (Q))

Turn the Rotary encoder to select the desired treble bandwidth.

WIDE 0.75 ↔ NARROW 1.25

Setting the Treble Center Frequency (CENTER FRQ)

Turn the Rotary encoder to select the desired treble center frequency.

7.5 K (Hz) ↔ 10.0 K (Hz) ↔ 12.5 K (Hz) ↔ 15.0 K (Hz)

Setting the Treble Level

Turn the Rotary encoder to select the desired treble level (–7 ~ +7)*.

You can emphasize or weaken the treble level.

* *The adjustment can also be made by pressing* **AUDIO**. *Refer to "Adjusting Subwoofer Level/Bass Level/Middle Level/Treble Level/ Balance (Between Left and Right)/Fader (Between Front and Rear)/Loudness/Defeat" on page 16.*

Setting the Source Volume Level

The output level of each source is individually adjustable. For example, if the TUNER level sounds lower than CD, its output can be adjusted without affecting the other sources.
The Hands free phone talk level, ring tone level and microphone gain level can also be adjusted by using this setting.

Setting item: VOL LV ADJ

Further setting items: TUNER / SIRIUSXM* / DISC / USB / iPod / BT AUDIO / BT PANDORA / AUX / PHONE TALK / RING TONE / MIC GAIN

Setting contents:
–5 dB ~ +5 dB

* *Only for CDE-HD138BT.*

Adjusting the High Pass Filter

The High Pass Filter on this unit can be adjusted to suit your personal taste. This feature works best when used in conjunction with a subwoofer.

Setting item: HPF

Setting contents:
HPF OFF (Initial setting) / HPF 60 (Hz) / HPF 80 (Hz) / HPF 120 (Hz) / HPF 160 (Hz)

All frequencies above the selected cutoff are output.

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Turning Subwoofer ON/OFF

When the subwoofer is on, you can adjust the subwoofer output level (refer to "Adjusting Subwoofer Level/Bass Level/Middle Level/Treble Level/Balance (Between Left and Right)/Fader (Between Front and Rear)/Loudness/Defeat" on page 16).

Setting item: SUBWOOFER

Setting contents:

SUBW OFF / SUBW ON (Initial setting)

SUBW OFF:

No subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 50).

SUBW ON:

The subwoofer signal is output from the Subwoofer RCA Connectors (refer to "Connections" on page 50).

Adjusting the Low Pass Filter

The Low Pass Filter on this unit can be adjusted to suit your personal taste.

Setting item: SUBW LPF

Setting contents:

LPF OFF (Initial setting) / LPF 60 (Hz) / LPF 80 (Hz) / LPF 120 (Hz) / LPF 160 (Hz)

All frequencies lower than the selected cutoff are output.

Setting the Subwoofer Phase

The subwoofer output phase is toggled between SUBWOOFER NORMAL (0°) and SUBWOOFER REVERSE (180°). Depending on the installation location of your subwoofer, one of these settings may sound better than the other.

Setting item: SUBW PHASE

Setting contents:

NORMAL (Initial setting) / REVERSE

Setting the Subwoofer System

When the subwoofer is on, you can select either SYS 1 or SYS 2 for the desired subwoofer effect.

Setting item: SUBW SYS

Setting contents:

SUBW SYS 1 / SUBW SYS 2 (Initial setting)

SUBW SYS 1:

Subwoofer level changes according to the main volume setting.

SUBW SYS 2:

Subwoofer level change is different from the main volume setting. For example, even at low volume settings, the subwoofer is still audible.

External Device

Connecting to an External Amplifier (POWER IC)

When the internal amplifier is not being used, sound quality can be improved by turning off its power supply.

Setting item: POWER IC

Setting contents:

OFF / ON (Initial setting)

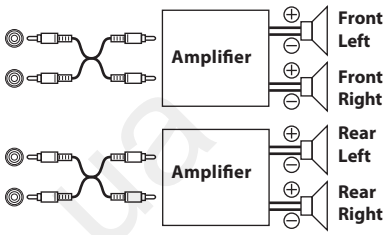
OFF:

Use this mode when the line output of this unit is used to drive an external amplifier. In this setting, the head unit's internal amplifier is turned OFF and cannot drive speakers.

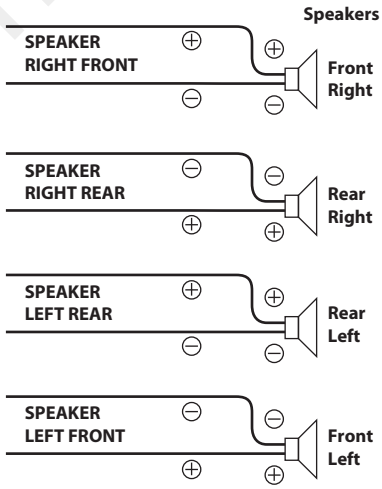
ON:

The speakers are driven by the built-in amplifier.

OFF:



ON:



Note

- *No sound is produced by the system when the power output is set to OFF.*

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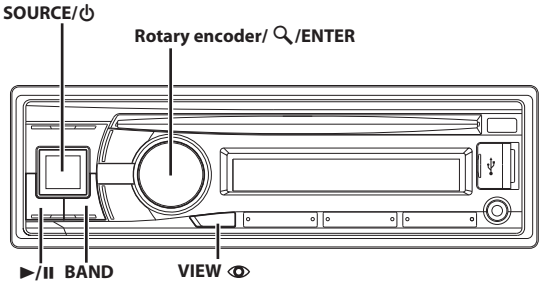
Other Functions



Displaying the Text

Text information, such as the disc name and the track name, will be displayed if playing a CD text compatible disc. It is also possible to display the folder name, the file name and the tag, etc., while playing MP3 files.

Press VIEW .

The display will change every time the button is pressed.

***The display in Radio mode*[*1]*:**

FREQUENCY → CLOCK → FREQUENCY

***The display in HD Radio mode*[*2]*:**

BAND + PRESET NO. + FREQUENCY → STATION NAME → SONG NAME → ARTIST NAME → PTY → CLOCK → BAND + PRESET NO. + FREQUENCY

The display in CD mode:

TRACK NO./ELAPSED TIME → TEXT (DISC NAME)[*3] → TEXT (TRACK NAME)[*3] → TRACK NO./CLOCK → TRACK NO./ELAPSED TIME

The display in MP3 mode:

FILE NO./ELAPSED TIME → FOLDER NO./FILE NO. → FOLDER NAME → FILE NAME → ARTIST NAME[*4] → ALBUM NAME[*4] → SONG NAME[*4] → FILE NO./CLOCK → FILE NO./ELAPSED TIME

The display in iPod mode:

TRACK NO./ELAPSED TIME → ARTIST NAME → ALBUM NAME → SONG TITLE → TRACK NO./CLOCK → TRACK NO./ELAPSED TIME

The display in BLUETOOTH Audio mode:

BT A/ELAPSED TIME[*5] → ARTIST NAME → ALBUM NAME → SONG NAME → BT A/CLOCK → BT A/ELAPSED TIME

**1 Only when LISTENMODE is set to ANALOG. For details, refer to "Switching the listening mode" on page 24.*

**2 When LISTENMODE is set to other than ANALOG. For details, refer to "Switching the listening mode" on page 24.*

**3 Displayed during playback of a disc with CD text.*

**4 ID3 tag/WMA tag*
If an MP3/WMA file contains ID3 tag information, the ID3 tag/WMA tag information is displayed (e.g. song name, artist name, and album name). All other tag data is ignored.

**5 Depending on the connected mobile phone, the elapsed time may not be displayed.*

About the indication display

When displaying Text, the following indicators are lit according to the mode.

Indicator/ Mode	HD Radio Mode	CD Mode	MP3 Mode	iPod/iPhone /BT AUDIO Mode
🗀	—	—	Folder Name[*2] being displayed	—
👤	Artist Name[*1] being displayed	—	Artist Name[*1] being displayed	Artist Name[*1] being displayed
💿	—	Text (Disc Name[*3]) being displayed	Album Name[*1] being displayed	Album Name[*1] being displayed
🎵	Song Name[*1] being displayed	Text (Track Name[*3]) being displayed	Song Name[*1] /File Name being displayed	Song Name[*1] being displayed

**1 Tag information:*
If there is no tag information, "ARTIST"/"ALBUM"/"SONG" is displayed.

**2 The root folder is displayed as "ROOT".*

**3 If there is no Text (Disc Name or Track Name), "DISC TEXT"/ "TRACK TEXT" is displayed.*

About "Text"

Text compatible CDs contain text information such as the disc name and track name. Such text information is referred to as "text".

Notes

- *Not all characters can be displayed on this device.*
- *"NO SUPPORT" is displayed if text information is not supported by the unit.*
- *The text or tag information may not be correctly displayed, depending on the contents. An unsupported character is replaced with a space.*

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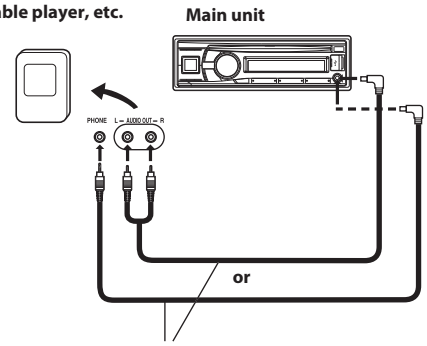
Using the Front AUX Input Terminal

Connect a portable music player, etc. by simply connecting it to the input on the front panel. An optional adapter cable is required (standard RCA to 3.5ø mini-phono plug or 3.5ø to 3.5ø mini phono plug).

Press SOURCE / ⏻, and then select the AUXILIARY mode to listen to the portable device.


Portable player, etc.
Main unit
PHONE
L — AUDIO OUT — R
or
Optional adapter cable (RCA pin plugs [red, white] 3.5ø miniplugs) or (3.5ø miniplugs).

Notes

- *This function is available only when AUX SETUP is set to ON. For details, refer to "Setting the AUX SETUP Mode" on page 23.*
- *Do not connect a Flash Memory Device and an AUX Input Terminal connector at the same time.*

Option Menu Setting

You can quickly adjust the setting items relevant to the current SOURCE by using Option Menu.

1 **Press and hold 🔍 / ENTER/OPTION for at least 2 seconds to activate the Option menu of the current source.**

Note

- *The option menu varies depending on the source.*

2 **Turn the Rotary encoder to select the desired item, and then press 🔍 / ENTER.**

3 **Turn the Rotary encoder to change the setting, and then press 🔍 / ENTER.**

After the setting, the display will return to the current source automatically.

▌Setting item:

HD Radio mode:

TUNER SET[*1] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

SiriusXM mode (CDE-HD138BT Only):

ALERT MEMO[*4] ↔ SXM SET[*5] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

CD mode:

CD SET[*6] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

MP3/WMA/AAC (Disc) mode:

CD SET[*6] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

MP3/WMA/AAC (USB) mode:

CD SET[*6] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

iPod mode:

iPod CONT[*7] ↔ iPod SET[*8] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

BT AUDIO mode:

BT SET[*9] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

Phone mode (Non-calling mode):

PHONE SET[*10] ↔ VOL LV ADJ[*11] ↔ MX SETTING[*3]

Phone mode (Calling mode):

SPK SWITCH[*12] ↔ VOICE MUTE[*13] ↔ CALL WAIT[*14] ↔ CALL SOUND[*15] ↔ END CALL[*16] ↔ VOL LV ADJ[*11] ↔ MX SETTING[*3]

Pandora® mode:

THMBS UPDN[*17] ↔ BOOKMARK[*18] ↔ NEWSTATION[*19] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

AUX mode:

AUX SET[*20] ↔ VOL LV ADJ[*2] ↔ MX SETTING[*3]

**1 MC SEEK, SEEK TYPE, LISTENMODE, LIVE MODE and FM SET can be selected in this mode. For details about these settings, refer to "Tuner Setting" on page 24.*

**2 You can individually emphasize or weaken the volume level of the current source to create your own tonal preference. The values set in Option mode and in SETUP mode are linked. Refer to "Setting the Source Volume Level" on page 19.*

**3 You can individually set the Media Xpander level of the current source to create your own preference. The values set in Option mode and in SETUP mode are linked. Refer to "Setting the Media Xpander mode (CDE-HD138BT Only)" on page 18.*

**4 Refer to "Storing the desired Artist/Song" on page 40.*

**5 ALERTSETUP, GAME ALERT, P-LOCK and SIGNAL IND can be selected in this mode. For details about these settings, refer to "SiriusXM Setting (CDE-HD138BT Only)" on page 25.*

**6 PLAY MODE can be selected in this mode. For details, refer to "Playing MP3 Data (PLAY MODE)" on page 23.*

**7 Refer to "Setting the iPod Control" on page 37.*

**8 The setting items are the same as iPod setting in SETUP mode. For details, refer to "iPod/iPhone Setting" on page 26.*

**9 FW VERSION can be selected in this mode. You can see the current firmware version about BLUETOOTH by using this setting.*

**10 CALL SOUND, SENDER ID, PB UPDATE, PB ORDER, AUTO ANS, SEV NAME, SPEAKER SL and FW VERSION can be selected in this mode. For details about these settings, refer to "BLUETOOTH Setup" on page 27.*

**11 The Hands free phone talk level, ring tone level and microphone gain level can be adjusted by using this setting. The setting values in Option mode and in SETUP mode are linked. Refer to "Setting the Source Volume Level" on page 19.*

**12 While calling, the call sound can be switched between the unit and mobile phone by using this setting.*
This operation can also be done by pressing **BAND**. *Refer to "Call Switching Operation" on page 32.*

**13 While calling, and the Voice Mute is activated, the microphone input will mute instantly and "VOICE MUTE" will blink. This operation can also be done by pressing ►/II. Refer to "Muting the microphone input quickly (Voice Mute)" on page 32.*

14 If there is a waiting call, select this item to display the caller's Name and waiting number (1 or 2). Press* **VIEW 👁 *and the display will switch.*

**15 Refer to "Setting the BLUETOOTH sound quality" on page 28.*

**16 Select this item to hang up the call.*

**17 Refer to ""Thumbs" Feedback" on page 34.*

**18 Refer to "Bookmarking a Desired Song or Artist" on page 34.*

**19 Refer to "Creating a New Station" on page 35.*

**20 AUX NAME can be selected in this mode. For details, refer to "Setting the AUX NAME mode" on page 23.*

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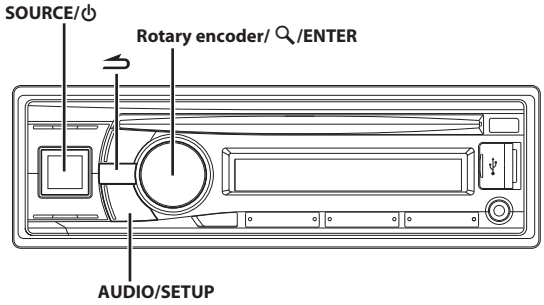
SETUP



Setting

You can flexibly customize the unit to suit your own preferences and usage. From the SETUP menu, GENERAL Setting, DISPLAY Setting, etc., can be modified.

Use steps 1 to 5 to select one of the SETUP modes to modify. See the applicable section below for details about the selected SETUP item.

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select the desired item, and then press 🔍/ENTER.**

(e.g. Select GENERAL)

AUDIO[*1] ↔ GENERAL ↔ DISPLAY ↔ TUNER ↔ SIRIUSXM[*2] ↔ iPod ↔ BLUETOOTH[*3]

GENERAL:
CLOCK ADJ[*4] ↔ AUX SETUP ↔ AUX NAME[*5] ↔ PLAY MODE ↔ DEMO

DISPLAY:
DIMMER ↔ SCROLL

TUNER:
MC SEEK ↔ SEEK TYPE ↔ LISTENMODE ↔ LIVE MODE ↔ FM SET

SIRIUSXM:
ALERTSETUP ↔ GAME ALERT ↔ P-LOCK ↔ SIGNAL IND

iPod:
iPod LIST

**1 Refer to "Audio Setup" on page 16.*
**2 Displayed only when a SiriusXM Tuner is connected and the current source is Satellite Radio (SIRIUSXM). (CDE-HD138BT only)*
**3 Refer to "BLUETOOTH Setup" on page 27.*
**4 Refer to "Setting Time" on page 10.*
**5 Displayed only when AUX SETUP is set to ON.*

3 **Select an item with the Rotary encoder, and then press 🔍/ENTER.**

(e.g. Select AUX SETUP)

4 **Turn the Rotary encoder to change the setting, and then press 🔍/ENTER.**

(e.g. Select AUX ON or AUX OFF)

5 **Press and hold AUDIO/SETUP for at least 2 seconds to return to normal mode.**

Notes
- *Press ⮌ to return to the previous mode.*
- *Pressing and holding ⮌ for at least 2 seconds will return to normal mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

General Setting

GENERAL is selected on the setup main menu in step 2.

Setting the AUX SETUP Mode

You can input the audio of an external device, (such as a Portable audio player) to the AUX connector of this unit.

Setting item: AUX SETUP

Setting contents:
AUX OFF / AUX ON (Initial setting)

AUX OFF:
When set to OFF, AUX source cannot be selected.

AUX ON:
Set to ON when a portable device is connected. If **SOURCE/⏻** is pressed and AUX is selected, the sound of the portable device is input to the unit.

Setting the AUX NAME mode

You can change the AUX NAME display in the SETUP mode.

Setting item: AUX NAME

Setting contents:
AUXILIARY (Initial setting) / TV / DVD / PORTABLE / GAME

Note
- *PORTABLE is abbreviated as PMD in the display.*

Playing MP3 Data (PLAY MODE)

This unit can play back CDs containing both CD and MP3 data (created in Enhanced CD (CD Extra) format). However, in some situations, playback of an enhanced CD may be difficult. In this case, you can choose to play back the CD data session only. When a disc contains both CD and MP3 data, playback starts from the CD data portion of the disc.

Setting item: PLAY MODE

Setting contents:
CD-DA / CDDA/MP3 (Initial setting)

CD-DA:
Only the CD data in Session 1 can be played back.

CDDA/MP3:
CD data, MP3 files in mixed mode, and multi-session discs can be played back.

Note
- *Perform this setting before inserting a disc. If a disc has already been inserted, remove it first.*

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Demonstration

This unit has a demonstration feature for the display.

Setting item: DEMO

Setting contents:
DEMO OFF (Initial setting) / DEMO ON

Note
- *To quit Demo mode, set to DEMO OFF.*

Display Setting

DISPLAY is selected on the setup main menu in step 2.

Dimmer Control

Set the Dimmer control to Auto to decrease the illumination brightness of the unit with the head lights of the vehicle ON. This mode is useful if you feel the unit's backlighting is too bright at night.

Setting item: DIMMER

Setting contents:
DIM MANUAL / DIM AUTO (Initial setting)

Scroll Setting (SCROLL)

This CD player can scroll the disc and track names recorded on CD-TEXT discs, as well as the text information of MP3 files, folder names and tags.

Setting item: SCROLL

Setting contents:
OFF / ON (Initial setting)

OFF:
The display is scrolled when a disc is loaded or when a track is changed, etc.

ON:
The current text information of CD, folder, tag, etc. is scrolled automatically.

Note
- *The unit scrolls CD text names, folder names, file names or tag display.*

Tuner Setting

"Tuner Setup" is selected on the source setup main menu in step 2.

Setting the Multicast Seek

Multicast Seek can be set to ON/OFF.

Setting item: MC SEEK

Setting contents:
OFF / ON (Initial setting)

OFF:
SEEK is available only for the Main Program Service. Multicast stations are ignored.

ON:
SEEK finds both the Main Program Service and Sub-program Service of Multicast stations.

Setting the Seek Type

You can select the seek type between hybrid and digital.

Setting item: SEEK TYPE

Setting contents:
HYBRID (Initial setting) / DIGITAL

HYBRID:
SEEK UP/DOWN is available for digital and analog radio stations. However, the strong signals have priority during SEEK.

DIGITAL:
SEEK UP/DOWN is available only for the digital radio station. Any analog only stations (or very weak digital) are skipped.

Switching the listening mode

The unit provides you 4 reception methods, among which you can select an optimized method to receive the Digital signal or Analog signal according to your own preference and the signal strength.

Setting item: LISTENMODE

Setting contents:
HYBRID / DIGITAL / DIGITAL MC (Initial setting) / ANALOG

HYBRID:
Receive both digital and analog radio stations. If the digital signal is weak, this unit will switch to receive the analog radio signal automatically.

DIGITAL:
Keep receiving the digital radio signal, even when the digital signal is weak.

DIGITAL MC:
Keep receiving the digital radio signal while listening to a Multicast Sub-program.

ANALOG:
Only receive the analog radio signal, even when the digital signal is strong.

Setting the Live mode (LIVE MODE)

While receiving a live broadcast, you can select an optimized receiving method according to your own preference and the signal strength.

Setting item: LIVE MODE

Setting contents:
ANALOG (Initial setting) / DIGITAL / LISTENMODE

ANALOG:
While receiving a live broadcast, this unit will only receive the analog radio signal even when the digital signal can be received.

DIGITAL:
While receiving a live broadcast, this unit will keep receiving the digital radio signal even when the digital signal is weak.

LISTENMODE:
While receiving a live broadcast, the setting value is the same as that in LISTENMODE, refer to "Switching the listening mode" on page 24.

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Setting the TUNER (FM) tone quality (FM SET)

This unit can set your preferred tonal quality for the FM analog radio stations.

Setting item: FM SET

Setting contents:

HI-FI / NORMAL (Initial setting) / STABLE

HI-FI:
High-quality setting

NORMAL:
Standard setting

STABLE:
Control noise

Note

- *Noise may be more noticeable when HI-FI is set, depending on the reception status. In this case, the Normal setting is recommended.*

SiriusXM Setting (CDE-HD138BT Only)

SIRIUSXM is selected on setup main menu in step 2.

Managing Artist and Song Alerts

The following operations can be performed to change the Alert settings. The Artist and Song Alerts feature allows you to mark Artists and Songs from the current channel and then the unit alerts you later when the marked Artists or Songs are playing on other channels.

Setting item: ALERTSETUP

Setting contents:

ALERT LIST / ALERT / DELETE ALL

ALERT LIST
This menu option allows you to enable the Artist/Song alert for individual Artist/Songs (ALERT ON or OFF) or to delete individual stored Artist/Song alerts (DELETE).

1. **Turn the Rotary encoder to select ALERT LIST, and then press 🔍/ENTER.**
2. **Turn the Rotary encoder to select a stored Artist or Song, and then press 🔍/ENTER.**
3. **Turn the Rotary encoder to ALERT to enable (ALERT ON) or disable (ALERT OFF) the alert for the selected Artist/Song or turn the Rotary encoder to select DELETE to delete the selected Artist/Song from memory.**

ALERT
This menu option allows you to temporarily disable the Artist/Song Alerts for all Artists/Songs. When the Alerts are re-enabled, individual Artist/Song Alert disabled in the ALERT LIST menu setting remain disabled.

Turn the Rotary encoder to select ALERT ON or OFF, and then press 🔍/ENTER.
If ON is set, the alert for all stored Artists/Songs is enabled.
If OFF is set, the alerts for all stored Artists/Songs are disabled.

DELETE ALL
This operation will delete all alerts (artists, songs and team) stored in memory.
After selecting this item,

Turn the Rotary encoder to select DELETE YES, and then press 🔍/ENTER.

Setting the Favorite Sports Team Alerts

This menu option allows you to select your favorite teams, organized by leagues, so that you will be alerted later when your favorite teams are playing on other channels.

Setting item: GAME ALERT

Setting content:

LEAGUE LIST

LEAGUE LIST
After selecting GAME ALERT, a sports league list will be displayed.

1. **Turn the Rotary encoder to select the desired league, and then press 🔍/ENTER.**
2. **Turn the Rotary encoder to select a team you want to store, and then press 🔍/ENTER.**
   A "TEAM SAVED" pop-up screen is followed by an "X U(sed)/Y E(mpty)".
   X is the total number of Artist/Song/Game alert items stored in memory, and Y is the total number of memory slots still available for storage.

   Note

   - *Select "NONE" on the team list if you do not want to store in memory.*

Setting the Parental Control

You can lock out channels with passcode protection. Channels that are locked cannot be accessed without entering the passcode. You can unlock a channel or change the passcode using this menu option.

Setting item: P-LOCK

Setting contents:

CLEAR ALL / LOCKED CH / EDIT CODE

How to input passcode?

1 After select P-LOCK, a passcode input screen will be displayed.

2 Input the passcode using the Rotary encoder.

The initial default 4-digit passcode is set to 0000.
The passcode is entered one digit at a time with the **Rotary encoder**.
For example, by turning to clockwise 2 steps, the number 1 is selected.
After entering the digit, it is displayed as "*" (asterisk).

3 Press ►►I, and then input the next digit of the passcode as described in step 2.

4 Repeat steps 2 to 3 until the 4 digits of the passcode are entered, and then press 🔍/ENTER.

After the correct passcode is entered, the LOCKED CH/CLEAR ALL/EDIT CODE items can be adjusted.

CLEAR ALL:
Unlock all locked channels.

Turn the Rotary encoder to select CLEAR YES, and then press 🔍/ENTER.

LOCKED CH:
After selecting this item, turn the **Rotary encoder** to select a channel from channel list, press **🔍/ENTER** to select to lock or unlock the channel. Locked channels cannot be tuned without entering the passcode.
The locked channel will be displayed with "L" before channel No.

EDIT CODE:
Change the passcode.

1. **Input the old passcode as steps 1 to 4 in "How to input passcode?".**
   After the old passcode is entered, the new passcode input screen will be displayed.

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2 **Input the new passcode as steps 1 to 4 in "How to input passcode?".**
A confirm screen (CNFIRM) will be displayed and the new passcode must be entered again for confirmation.
When the passcode is changed successfully, the unit will display CODE SAVED.

Note

- *Keep a note of the numbers somewhere safe in case you should forget it.*

Confirming the strength of the SiriusXM signal

You can check the signal strength through this setting item.

▌**Setting item:** SIGNAL IND

Setting content:
SIGNAL IND

SIGNAL IND:
This menu item displays the SiriusXM signal strength as STRONG, GOOD, WEAK or NO SIGNAL.

Note

- *If the Signal Indicator reports Weak or No Signal and your vehicle is parked outside with no obstructions to the southern sky, then your SiriusXM antenna may not be properly installed or may have become damaged.*

iPod/iPhone Setting

"iPod" is selected on the setup main menu in step 2.

iPod/iPhone Search Mode Setting

The unit allows you to search for the iPod/iPhone using eight different search modes.

▌**Setting item:** iPod LIST

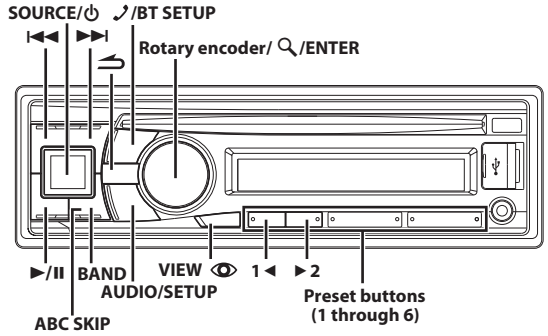
▌**Further setting items:** PLAYLISTS / ARTISTS /ALBUMS / AUDIOBOOKS / PODCASTS / GENRES / COMPOSERS / SONGS

Setting contents:
OFF / ON

Notes

- *When the search mode is in Playlists/Artists/Albums/Podcasts/Genres/Songs, the initial setting is On, and when the search mode is in Audiobooks/Composers, the initial setting is Off.*
- *For search mode details, refer to "Searching for a desired Song" on page 37.*

BLUETOOTH Operation



Setup Before Using

About BLUETOOTH

BLUETOOTH is a wireless technology allowing communication between a mobile device or personal computer over short distances. This enables a hands-free call or data transmission between BLUETOOTH compatible devices. BLUETOOTH transmission is available in the unlicensed 2.4 GHz spectrum if the distance between devices is within 10 meters. For details, refer to the BLUETOOTH Home page (http://www.bluetooth.com).

Notes

- *Depending on the BLUETOOTH version, a BLUETOOTH compatible device may not be able to communicate with this unit.*
- *Proper function of this unit with all BLUETOOTH compatible devices is not guaranteed. For handling of the BT compatible device, consult your ALPINE dealer or ALPINE website.*
- *Depending on the surroundings, BLUETOOTH wireless connection may be unstable.*
- *When you place a call, or perform setup operations, be sure to stop your car in a safe place.*
- *Depending on the connected BLUETOOTH compatible device(s), the function may differ. Also refer to the Owner's Manual of the connected device(s).*
- *When you search for this unit using the BLUETOOTH compatible phone, the unit name is displayed as "Alpine CD Receiver".*

Before Using BLUETOOTH Function

Before using the BLUETOOTH function, the following settings need to be made.

Set "HFP", "AUDIO" or "BT PANDORA" to ON when you want to use Hands-Free phone, BT Audio or Pandora® function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.

Note

- *Before using BLUETOOTH function, it must be paired with this unit. Refer to "How to connect to a BLUETOOTH compatible device (Pairing)" on page 27.*

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How to connect to a BLUETOOTH compatible device (Pairing)

For details on the control from a BLUETOOTH compatible device, refer to the Owner's Manual of the BLUETOOTH compatible device.

Pairing a BLUETOOTH compatible device with SSP (Secure Simple Pairing)

1 **Using your BLUETOOTH compatible device, select the "Alpine CD Receiver" for pairing.**

2 **Turn the Rotary encoder to change the head unit display from "PAIR NO" to "PAIR YES", and then press 🔍/ENTER.**

If "PAIR NO" is selected, the connection will be canceled.

3 **If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Pairing a BLUETOOTH compatible device without SSP (Secure Simple Pairing)

1 **Using your BLUETOOTH compatible device, select the "Alpine CD Receiver" for pairing.**

2 **Input the PIN code ("0000") in a BLUETOOTH compatible device.**

Note

- *The PIN code is fixed as "0000".*

3 **If the pairing was successful, "CONNECTED" is displayed for a few seconds. The head unit then returns to its previous state.**

Notes

- *If the connection is unsuccessful, "FAILED" is displayed.*
- *After a successful pairing, the two devices should re-pair automatically whenever the vehicle's ignition is turned ON.*
- *Set "VISIBLE M" to VISI M ON to enable this unit to be recognized by a BLUETOOTH compatible device, refer to "Setting the Visible Mode" on page 28.*
- *You can also manually pair the BLUETOOTH devices from this unit. For details, refer to "Pairing a BLUETOOTH Device from the unit" on page 28.*

BLUETOOTH Setup

The following steps 1 to 5 are common to the various BLUETOOTH functions. For details, refer to each individual function.

Note

- *Set "HFP", "AUDIO" or "BT PANDORA" to ON, and then perform BLUETOOTH SETUP operation. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

1 **Press and hold AUDIO/SETUP for at least 2 seconds to activate the SETUP mode.**

2 **Turn the Rotary encoder to select "BLUETOOTH", and then press 🔍/ENTER.**

The BLUETOOTH setup mode is activated.

Note

- *The BLUETOOTH setup mode can also be activated by pressing and holding* **BT SETUP** *for at least 2 seconds.*

3 **Turn the Rotary encoder to select the desired items, and then press 🔍/ENTER.**

BLUETOOTH:

BT IN*1 ↔ PAIRED DEV ↔ VISIBLE M*1 ↔ SEARCH DEV*1 ↔ CALL SOUND*2 ↔ SENDER ID*2 ↔ PB UPDATE*2 ↔ PB ORDER*2 ↔ AUTO ANS*2 ↔ SEV NAME*2 ↔ SPEAKER SL*2 ↔ FW VERSION ↔ FW UPDATE*1

**1 The items are not displayed during a phone call.*

**2 The items are not displayed when "HFP" is set to OFF. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

4 **Turn the Rotary encoder to change the settings.**

5 **Press and hold AUDIO/SETUP for at least 2 seconds.**

The SETUP mode is canceled.

Notes

- *Press ⮌ to return to the previous mode.*
- *Pressing and holding ⮌ for at least 2 seconds will return to normal mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*

Setting the BLUETOOTH Connection (BT IN)

With BLUETOOTH technology, you can place a hands-free call by a BLUETOOTH-equipped mobile phone.
Audio information of a BLUETOOTH compatible mobile phone, a portable audio player, etc., is controllable/playable wirelessly from this unit.
Pandora® internet radio on a BLUETOOTH compatible smartphone (which runs Android OS or BlackBerry OS) is controllable/playable wirelessly from this unit.

▌**Setting item:** BT IN

▌**Further setting items:** HFP / AUDIO / BT PANDORA

Setting contents:
OFF / ON (Initial setting)

Hands-Free Phone setting (HFP)

ON:
Select when you want to pair your BLUETOOTH compatible phone with this unit.

OFF:
Hands-Free Phone function is not used.

Note

- *When HFP is set to OFF, the indicators related to Hands-free phone (🔋 battery charge, 📶 signal strength and ✉ message) will not be displayed.*

BLUETOOTH Audio setting (AUDIO)

ON:
Select when you want to use BLUETOOTH Audio function or Pandora®.

OFF:
BLUETOOTH Audio function or Pandora® is not used.

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BLUETOOTH Pandora® setting (BT PANDORA)

ON:
Select when you want to use BLUETOOTH Pandora® function.

OFF:
BT Pandora® function is not used.

Note
- *BT PANDORA setting item is adjustable only when AUDIO is set to ON.*

Setting the BLUETOOTH Device

Select one of 3 connected BLUETOOTH compatible devices that you previously registered.

Setting item: PAIRED DEV

1 **Turn the Rotary encoder to select a BLUETOOTH compatible device you want to use (you want to change connection), and then press 🔍 / ENTER.**

2 **Turn the Rotary encoder to select "CONNECT" to connect the selected device.**

The connected device is marked with "✱". Select "DISCONNECT" to disconnect this device. Select "CLEAR" when you want to clear the device from the device list.

Notes
- *If the connection is successfully changed, "CONNECTED" is displayed for 2 seconds and the ᛒ indicator lights up, then the display returns to the SETUP screen.*
- *If a mobile phone is connected to this unit successfully, the 🔋 indicator lights up to show the battery charge of the connected mobile phone. The 🪫 indicator lights up when the battery charge is about 50%, and it blinks as a low level warning.*
- *Indicator 📶 (Signal Strength):*
  The indicator will display the current signal strength of your service provider. The indicator blinks when the signal of the connected mobile phone is weak.
- *Depending on the connected mobile phone, the 🔋 (battery charge), 📶 (signal strength) and ✉ (message) indicators may not be displayed.*
- *If 3 devices have been registered, you cannot register a 4th device. To register another device, you need to delete one of the other devices first.*

Setting the Visible Mode

You can set whether this unit can be recognized or not from a BLUETOOTH compatible device. Normally set this to VISI M ON.

Setting item: VISIBLE M

Setting contents:
VISI M OFF / VISI M ON (Initial setting)

VISI M OFF:
Disable recognition of this unit from the BLUETOOTH compatible device.

VISI M ON:
Enable recognition of this unit from the BLUETOOTH compatible device.

Pairing a BLUETOOTH Device from the unit

If your BLUETOOTH device is not immediately pairing, the head unit can perform a search. The search can find paired or unpaired devices.

Setting item: SEARCH DEV

1 **When SEARCH DEV is selected, and "SEARCHING" is displayed, the search gets started.**

Note
- *The "SEARCHING" operation can be stopped by pressing ⮌.*

2 **Turn the Rotary encoder to select the name of the device to be connected from the Device Search list, and then press 🔍 / ENTER.**

3 **If this unit is successfully connected to a BLUETOOTH compatible device, "CONNECTED" is displayed, and then the unit returns to normal mode.**

Depending on the mobile phone, it may be necessary to input a passcode. In this case, "CODE 0000" is displayed. Input the passcode "0000" in the BLUETOOTH compatible device to make the pairing. After the pairing is completed, the unit will automatically connect to the BLUETOOTH compatible device. If you input the wrong passcode or the communication fails, "FAILED" is displayed.

Setting the BLUETOOTH sound quality

Change these settings to improve the quality of the outgoing or incoming call.

Setting item: CALL SOUND

Further setting items: VOL LV ADJ / TYPE SET

Adjusting the volume (VOL LV ADJ)

You can emphasize or weaken the volume level of the Phone call, the ring tone and the microphone input to fit your own preferences.

Setting contents:

PHONE TALK:
−5 dB ~ +5 dB

RING TONE:
−5 dB ~ +5 dB

MIC GAIN:
−5 dB ~ +5 dB

Note
- *These setting items are the same as PHONE TALK, RING TONE and MIC GAIN settings in AUDIO step mode, refer to "Setting the Source Volume Level" on page 19.*

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Sound Type setting (TYPE SET)

Depending on your calling environment, choose one of the settings below which gives the best sound quality.

Setting contents:
TYPE1 (Initial setting) / TYPE2 / TYPE3 / TYPE4 / TYPE5

TYPE1:
Standard Mode (recommended)

TYPE2:
Enhance the noise reduction

TYPE3:
Enhance the echo-cancel

TYPE4:
Enhance both noise reduction and echo-cancel

TYPE5:
Weaken both noise reduction and echo-cancel

Note

- *The functions below are designed to improve the sound quality of the outgoing call.*
  Noise reduction: This function can reduce the road noise, but excessive enhancement may affect the sound quality of the call.
  Echo-cancel: This function can reduce the echo, but excessive enhancement may affect the sound quality of the call.

Setting the caller information display/ text message indicator ON/OFF

You can choose whether to use these functions according to the following setting.

Setting item: SENDER ID

Further setting items: MSG ALERT / CALLER ID

Setting contents:
OFF / ON (Initial setting)

Setting text message indicator ON/OFF (MSG ALERT)

When it is set to ON, the ✉ indicator blinks for 30 seconds while receiving a text message. The ✉ indicator remains on if there is an unread text message on the connected mobile phone.

Notes

- *Depending on the mobile phone, this function may not be performed.*
- *The text of the message will not be displayed on this unit.*
- *When this unit prompts you of a received text message, it is recommended to read the message after stopping your car in a safe place, rather than read it immediately through your phone.*

Setting the caller information display ON/OFF (CALLER ID)

If you want to keep the ID information of the caller from others, set this item to OFF. Depending on the stored ID information, while you are dialing a number, only telephone number will be displayed or telephone name will be displayed as "ID UNSENT"; During a call, "NO NAME" will be displayed; Or while a call is dialing in, only telephone number will be displayed or telephone name will be displayed as "NO NAME".

Phone Book Auto Update ON/OFF

You can set whether to update the phone book automatically.

Setting item: PB UPDATE

Setting contents:
OFF / ON (Initial setting)

OFF:
The phone book will not update.

ON:
When the mobile phone reconnects with this unit, the phone book will update.

Changing the Phone book List Order

The phone book is listed alphabetically by the first letter of FIRST or LAST NAME.
Listing by FIRST NAME is the default but LAST NAME can be selected.

Setting item: PB ORDER

Setting contents:
FIRST NAME (Initial setting) / LAST NAME

Note

- *"WAITING" will be displayed while the Phone book order is switching. You can quit the "WAITING" screen to perform other operations by pressing ⮌ when the ordering is still in progress. At this time, the phone book is not accessible. In addition, the ordering may affect the playback of BT AUDIO.*

Setting the Received Calls automatically (Auto Answer)

When a call is received, you can set whether to receive it automatically or not.

Setting item: AUTO ANS

Setting contents:
AT ANS OFF (Initial setting) / AT ANS ON

AT ANS OFF:
When a call is received, it is not answered automatically. Press ✆ to receive the call.

AT ANS ON:
When a call is received, it is answered automatically after about 5 seconds.

Note

- *If the received call setting on the mobile phone is on, the call will be answered automatically even though this setting is set to OFF.*

Displaying the phone service provider name

The service provider name of the connected BLUETOOTH compatible device will be displayed. If a BLUETOOTH compatible device is not connected, "ID UNSENT" will be displayed.

Setting item: SEV NAME

Note

- *Depending on the character type some phone service provider names cannot be displayed. "ID UNSENT" will be displayed.*

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Selecting the output speaker

Choose the speaker in your vehicle from which you want to hear the call.

Setting item: SPEAKER SL

Setting contents:
ALL (Initial setting) / FRONT-L / FRONT-R / FRONT-LR

ALL:
The sound be output from all of speakers in car.

FRONT-L:
The sound only be output from the front left speaker.

FRONT-R:
The sound only be output from the front right speaker.

FRONT-LR:
The sound be output from the front left and front right speaker.

Displaying the firmware version

The current firmware version will be displayed.

Setting item: FW VERSION

Updating the firmware

Future BLUETOOTH firmware updates may become available for phone interoperability.
For information to update your BLUETOOTH firmware, please visit Alpine America home page (http://www.alpine-usa.com).

Setting item: FW UPDATE

Setting contents:
UPDATE NO (Initial setting) / UPDATE YES

Hands-Free Phone Control

About the Hands-Free Phone

Hands-free calls are possible when using a HSP (Head Set Profile) and HFP (Hands-Free Profile) compatible mobile phone with this unit.

Notes

- *Avoid performing a hands-free call in heavy traffic or on narrow or winding streets.*
- *Close the windows while calling to reduce background noise.*
- *If both calling parties are using hands-free devices, or the call is made in a noisy location, difficulty hearing the other person's voice is normal.*
- *Depending on telephone line conditions or certain mobile devices used, voices may sound unnatural.*
- *When using a microphone, speak as directly as you can into the microphone to pick up the best sound quality.*
- *Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality.*
  Always contact your service provider about feature availability and functionality.
  All features, functionality, and other product specifications, as well as the information contained in the Owner's Manual are based upon the latest available information and are believed to be accurate at the time of printing.
  Alpine reserves the right to change or modify any information or specifications without notice or obligation.

Answering a Call

Incoming calls are announced by the received call ring tone and a displayed message (PHONE).

Press ✆.
The call starts.

Notes

- *When "AUTO ANS" is set to AT ANS ON, you can receive a call automatically. Refer to "Setting the Received Calls automatically (Auto Answer)" on page 29.*
- *While calling, the source sound on the unit is muted. After calling, playback will resume.*

Hanging up the Telephone

Press ✆.
The call finishes.

Note

- *You can also hang up the call by pressing and holding ⮌ for at least 2 seconds.*

Calling

Call History is recorded for the last dialed/received/missed calls (80 records for each). There are various ways of making calls based on the "Calling". The following steps 1 to 5 are common to the various ways of making these calls. For details, refer to each individual category for making calls.

1 **Press ✆.**
The outgoing method list is displayed.

2 **Turn the Rotary encoder to select the outgoing mode.**

Setting contents:
VOICE DIAL / DIALED / RECEIVED / MISSED / PHONE BOOK

VOICE DIAL:
Voice dial operation

DIALED:
Dialed history

RECEIVED:
Received history

MISSED:
Missed incoming history

PHONE BOOK:
Mobile phone book

3 **Press 🔍/ENTER.**
The outgoing mode is activated, and each mode list is displayed.

Note

- *It may take some time for the list to be displayed, and also directly after connection, the list may not be brought up to date.*

4 **Turn the Rotary encoder to select a name or a telephone number from the list.**

Note

- *You can use Phone book alphabet search function to search a name or number from Phone Book. For details, refer to "Phone book alphabet search function" on page 31.*

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5 **Press 🔍 / ENTER.**

The selected telephone number will be called.
If one name has several numbers registered in the telephone book, press **🔍 / ENTER** after selecting the name*, then turn the **Rotary encoder** to choose the desired number and press **🔍 / ENTER**, the telephone will be called. Press and hold **🔍 / ENTER** for at least 2 seconds after selecting the name, the default number of the name will be called. Depending on the connected mobile phone, this function may not be performed.

* *If the name cannot be recognized, default number will be displayed.*

Notes

- *Press ↩ to return to the previous mode.*
- *If no operation is performed for 60 seconds, the unit will return to normal mode automatically.*
- *The names registered in the telephone book are displayed. If the name is not registered, a number is displayed. If both name and number cannot be displayed, "ID UNSENT" will be displayed.*
- *If you place a call directly from the paired mobile phone, the phone number is not displayed, you cannot redial from the unit in this case.*

Voice Dial Operation

You can make a call using voice commands.

▌**Setting item:** VOICE DIAL

When the VOICE DIAL mode is activated, "SPEAK" is displayed. Say the telephone number*, name* you want to call into the microphone.

* *This message depends on the voice tag prestored in the mobile phone.*

Notes

- *You can perform this operation only when a voice dial compatible mobile phone is connected. If the mobile phone is not compatible with the voice dial, "NO SUPPORT" is displayed for 2 seconds.*
- *The Voice Dial function performance depends on the recognition range of the mobile phone and mounting location of the microphone. Please pay attention when the microphone is mounted.*
- *Voice dial operation depends on the function of the mobile phone. For details, refer to the Owner's Manual of the mobile phone.*
- *If a called person that you say is not found, "NO CALL" is displayed for 2 seconds.*
- *If the voice is not detected or recognized by microphone within 30 seconds, "NO CALL" will be displayed for 2 seconds, and then the unit returns to the normal mode automatically.*

Redialing a Number In Outgoing History

Previously dialed telephone numbers are stored in dialed calls history. You can redial a number by searching from dialed calls history.

▌**Setting item:** DIALED

Dialing a Number In Incoming History

Telephone numbers from received calls are stored in the Received List. You can redial these numbers by searching here.

▌**Setting item:** RECEIVED

Dialing a Number In Incoming Missed Call History

Telephone numbers for received calls that are missed, are stored in the Missed List. You can redial these numbers by searching here.

▌**Setting item:** MISSED

Dialing a Number In The Phone Book

Up to 1,000 names (at most 5 telephone numbers for each name) are downloadable from a mobile phone. Dial a call by selecting a person from the phone book list.

▌**Setting item:** PHONE BOOK

Notes

- *The order of the list display depends on the setting of "PB ORDER" (refer to "Changing the Phone book List Order" on page 29).*
- *If the call history or phone book of the mobile phone is added or deleted while it is connected to the unit, the list displayed on the unit may not be brought up to date. If it is not updated, you cannot correctly place a call.*
- *You can display the information of a number stored in phone book by pressing **VIEW** 👁. Each press changes the display as Name → Telephone NO. → Telephone label* → Name*
  If the information can not be obtained, "NO NAME","NO NUMBER" or "NO LABEL" will be displayed.

* *The telephone label of a number depends on the number information stored in Phone book of the mobile phone, which includes 5 types-GENERAL, MOBILE, HOME, OFFICE and OTHER.*

Phone book alphabet search function

You can select the first three letters to search for a desired name in phone book list by using the Phone book alphabet search function.

For example:

Searching a name "Michael James"
The following example explains how the search is performed.
Depending on the setting in PB ORDER (refer to "Changing the Phone book List Order" on page 29), the phone book is listed in first name or last name order. Please search for the first name or last name according to the setting.

1 **Press ABC SKIP while in the phone book list, the phone book alphabet search mode is activated.**

The letter selection list is displayed.

2 **Turn the Rotary encoder to select the first letter (e.g. M), and then press ▶▶I.**

The letter selection list is displayed.

3 **Turn the Rotary encoder to select the second letter (e.g. I), and then press ▶▶I.**

The letter selection list is displayed.

4 **Turn the Rotary encoder to select the third letter (e.g. C), and then press 🔍 / ENTER.**

The names stored in phone book which begin with "MIC" are searched.

5 **Turn the Rotary encoder to select the desired name (e.g. Michael James), and then press 🔍 / ENTER to make the call.**

Notes

- *This function is applied for letters A-Z.*
- *If the selected name has several numbers registered in phone book, you need to turn the **Rotary encoder** to select the desired number, and then press **🔍 / ENTER**.*
- *Press I◀◀ in step 3 or 4 to delete the current entry and return to the previous step.*
- *You can search for a name by its first letter, first two letters or first three letters. Press **🔍 / ENTER** after entering the desired number of letters. A list displays the names beginning with the entered letter(s).*

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Call waiting function

If a second call is received during a current call, you can have the first caller wait momentarily while you take the second call. When you are finished with one call, you can switch to the other one.

If a second call is received during the current call (call1), the information of second caller (call2) is displayed instead of the current caller's name. Press ► 2, the call waiting mode is activated.

In this case, call1 is on hold, while you take call2.

Notes

- *In the call waiting mode, press* **1 ◄** *or* **► 2** *to switch between the current call and the person on hold.*
- *In the call waiting mode, press and hold* **1 ◄** *or* **► 2** *for at least 2 seconds to hang up call1 or call2, and the other call will be answered automatically.*
- *In the call waiting mode, you can press* **VIEW** *to change the display between waiting number (1 or 2) and caller name.*

Preset a number in the Phone Book (Shortcut dial)

Assign numbers that you dial frequently to presets for quick recall. You can assign up to six frequently called phone numbers to number presets.

Select a number you want to preset from the Phone Book. Press and hold (for at least 2 seconds) any one of the preset buttons (1 through 6) into which you wish to store the number.

The phone number you selected is stored in the selected preset.

Notes

- *If the name has several numbers registered in the phone book, press* **/ENTER** *after selecting the name. Turn the* **Rotary encoder** *to choose the desired number. Press and hold any one of the* **preset buttons (1 through 6)** *for at least 2 seconds. The selected number is stored as a preset number.*
- *A total of 18 phone numbers can be stored in the preset memory (6 numbers for each mobile phone in the paired device list.) If a mobile phone is deleted from the paired device list, the stored preset numbers of this mobile phone are deleted, even when it is paired again.*
- *If you store a phone number in a preset with a previously stored number, the current number will be cleared and replaced by the new one.*

Dialing the preset number

1 **Press any one of the preset buttons (1 through 6) that has had a number stored in the phone mode.**

The information (name/number) stored in the preset station is displayed.

2 **Press /ENTER or .**

The stored preset number is dialed directly.

Adjusting the volume when receiving a Call

While calling, you can adjust the volume.

Turn the Rotary encoder to adjust the volume.

Note

- *You may need to increase volume from your regular audio listening source level. However, increasing the volume excessively may result in feedback. Feedback is directly related to the volume. Turning down the volume as low as acceptable, will reduce it. Positioning the microphone in a direction away from the main car speakers (e.g. clipped on sun visor) may also reduce feedback at high volume.*

Muting the microphone input quickly (Voice Mute)

While calling, activating the Voice Mute function will instantly mute the microphone input. Your voice will not be heard by the caller.

While calling, press ►/II to mute the microphone input.

Press ►/II again will bring the microphone input back to its previous volume level.

Note

- *The operation can also be performed in the option menu of phone mode (calling mode). Refer to "Option Menu Setting" on page 22.*

Call Switching Operation

While making a call, this function allows you to initiate the transfer of the audio between the mobile phone and the speakers in the car.

While calling, press BAND to switch the call sound between the unit and mobile phone.

Notes

- *Depending on the mobile phone, this operation may not be performed.*
- *The operation can also be performed in the option menu of phone mode (calling mode). Refer to "Option Menu Setting" on page 22.*

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BLUETOOTH Audio Operation

Audio information of a BLUETOOTH compatible mobile phone, a portable player, etc., is controllable/playable wirelessly* from this unit.

* *To play back audio, a mobile phone or a portable player conforming to A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/ Video Remote Control Profile) is required.*
Not all functions work with all devices.

Notes

- *Set "AUDIO" to ON when you want to use BLUETOOTH Audio function. Refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*
- *During a call, sound on the BLUETOOTH audio source is muted.*
- *If you operate the Hands-free phone (e.g. searching in the phonebook) while using the BLUETOOTH Audio function, BLUETOOTH Audio playback may be affected.*

Recalling the BLUETOOTH Audio Mode

Press SOURCE/⏻ to select the BT AUDIO mode.

Selecting the desired Song

Press I◄◄.

Return the beginning of the song being played back.

Press ►►I.

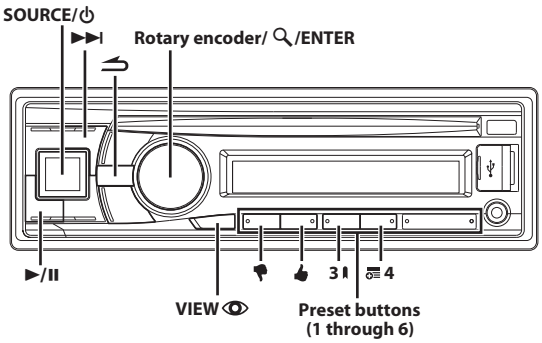
Forward the next song.
Pressing and holding I◄◄ or ►►I will fast backward/fast forward track continuously.

Pausing

Press ►/II.

A playback stops. Pressing again will resume a playback.

Pandora® internet radio (optional)



Pandora® internet radio is your own FREE personalized radio now available to stream music on your smartphone (which runs Android OS or BlackBerry OS).
Just start with the name of one of your favorite artists, songs or classical composers and Pandora® will create a "station" that plays their music and more music like it.
The CDE-HD138BT/CDE-HD137BT enables you to interact with your Pandora® account by connecting a smartphone that has the latest version of the Pandora® application installed.

Notes

- *Some Pandora® application functions are not available when using the CDE-HD138BT/CDE-HD137BT.*
- *Pandora® via Bluetooth is not available on the iPhone.*
- *Pandora® is available on Android OS and BlackBerry OS with this unit—not all smartphones will be able to run Pandora® via Bluetooth.*

Listening to Pandora®

1 Pair the smartphone with this unit.

Note

- *Before pairing, make sure AUDIO is set to ON, refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

2 Press SOURCE/ ⏻ to switch to the BT PANDORA mode.

Note

- *The Pandora® source can be displayed only when BT PANDORA is set to ON. For details, refer to "Setting the BLUETOOTH Connection (BT IN)" on page 27.*

3 To pause playback, press ►/II.

Pressing ►/II again will resume playback.

4 To skip to the next song, press ►►I.

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Notes

- *The operation to replay a previous song is not available.*
- *Pandora® limits the number of skips allowed on their service. If you attempt to skip songs beyond the limit, "SKIP LIMIT" is displayed.*
- *CDE-HD138BT/CDE-HD137BT remembers the source just before turning off the power. If Pandora® is the last SOURCE to be played, it will appear as the SOURCE the next time the unit is power up even if the app is not launched on your smartphone.*
- *Pandora® audio could drop out in areas with poor phone coverage.*
- *The display content varies when ads are received.*
- *The playback time may not be correctly displayed.*

"Thumbs" Feedback

You can personalize your stations with "Thumbs Up" or "Thumbs Down" feedback, which the system takes into account for future music selections.

During playback, press 👍 or 👎 for thumbs up or thumbs down.

👍: "THUMBS UP" is displayed for 2 seconds. Pandora® will add similar music to your station.

👎: "THUMBS DN" is displayed for 2 seconds. Pandora® will ban that song from your station, and the current song is skipped. If the number of skips allowed has reached its limit, the current song continues to play back.

Note

- *In some situations, "Thumbs" feedback may not be available.*

Searching for a Desired Station

You can display your station list and select stations directly from the CDE-HD138BT/CDE-HD137BT.

Alphabet Search:

1. **Press 🔍/ENTER to activate the Search mode.**
2. **Turn the Rotary encoder to select "A-Z", and then press 🔍/ENTER.**
   The "A-Z" search mode is activated and the station names are listed alphabetically.
3. **Turn the Rotary encoder to select the desired station, and then press 🔍/ENTER.**
   Pandora® will play that station.

Search by Date Added:

1. **Press 🔍/ENTER to activate the Search mode.**
2. **Turn the Rotary encoder to select "BY DATE", and then press 🔍/ENTER.**
   The "By Date" search mode is activated and the station names are listed by the date they were added to the account.
3. **Turn the Rotary encoder to select the desired station, and then press 🔍/ENTER.**
   Pandora® will play that station.

Note

- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping the specified number of channels. For details, refer to "Direct Search Function" on page 38.*

QuickMix

Use QuickMix to create a playlist based on two or more of your Pandora® stations.

1. **Press 🔍/ENTER to activate the Search mode.**
2. **Turn the Rotary encoder to select "A-Z" or "BY DATE", and then press 🔍/ENTER.**
   The "A-Z" or "By Date" search mode is activated and the station name is displayed.
3. **Press 🔍/ENTER while selecting "QUICKMIX".**

Notes

- *The songs from the created stations are played back in random sequence.*
- *Select another station during search mode to cancel QuickMix.*

Bookmarking a Desired Song or Artist

The currently playing track or artist can be bookmarked and saved to your Pandora® account.

1. **During playback, press 3 🔖 (Bookmarks).**
   The Pandora® Bookmark screen is displayed.
2. **Turn the Rotary encoder to select "TRACK (Bookmark)" or "ARTIST (Bookmark)", and then press 🔍/ENTER.**
   The current track or artist is bookmarked. "BMK TRACK" or "BMK ARTIST" is displayed.

Notes

- *Your bookmarks can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, bookmarks may not be available.*
- *When the Bookmark operation is failed, BMK N/A is displayed.*

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Creating a New Station

Based on currently playing track or artist, you can create a new station and save to your Pandora® account.

1 **During playback, press 4 (New Station).**
The Pandora® New Station screen is displayed.

2 **Turn the Rotary encoder to select "TRACK" or "ARTIST", and then press / ENTER.**
A "NEW TRACK" or "NEW ARTIST" pop-up screen.
A New Station based on current track or artist is created.

Notes

- *Your New Station can be viewed on your "Profile" page at www.pandora.com.*
- *In some situations, creating a new station function may not be available.*
- *If this operation fails, N/A is displayed.*

Search Position Memory

During playback, you can quickly return to the last-selected hierarchy level in the search mode.

Press .
The hierarchy you selected last in the search mode is displayed.

Changing the Display

Press VIEW .

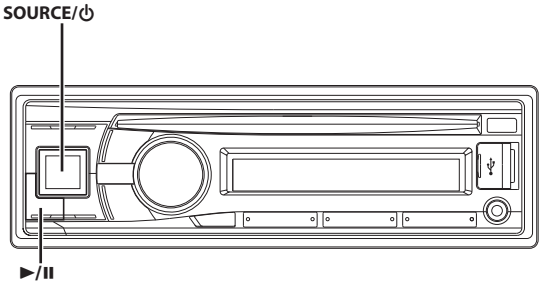
Elapsed Time → Station Name * → Artist Name * →
Album Name * → Song Title * → Clock →
Elapsed Time

* *TAG information*
If there is no text information, nothing will be displayed.

Notes

- *Only alphanumeric characters can be displayed.*
- *The maximum number of characters is 60 (60 byte).*
- *Some characters may not be correctly displayed.*

Flash Memory (optional)



About media that can be played

The following table shows which media can be played on which models.

	MP3	WMA	AAC
CDE-HD137BT	○		
CDE-HD138BT	○	○	○

Playing MP3/WMA/AAC Files from Flash Memory (optional)

If you connect a Flash Memory Device containing MP3/WMA/AAC, MP3/WMA/AAC files can be played back.

1 **Press SOURCE/ ⏻ to switch to the USB AUDIO mode.**

2 **To pause playback, press ►/II.**
Pressing ►/II again will resume the playback.

Notes

- *The root folder is displayed as "ROOT" in the Folder Name Search mode.*
- *This unit plays back files in Flash Memory with the same controls and modes as playback of CDs containing MP3/WMA/AAC. For details, refer to "CD/MP3/WMA/AAC" on page 13.*
- *Before disconnecting Flash Memory, be sure to change to another source or set to pause.*
- *The playback time may not be correctly displayed when a VBR (Variable Bit Rate) recorded file is played back.*

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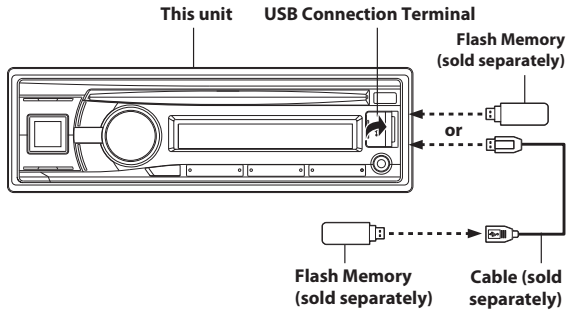
Flash Memory Connection (optional)

Connect Flash Memory

1 **Open the cover of the USB Port.**

2 **Connect the Flash Memory directly to the USB Port, or via the USB cable.**



Remove Flash Memory

1 **Carefully, pull out the Flash Memory Device from the USB cable or the USB Port.**

2 **Close the cover of the USB Port.**

Notes

- *Change to a source other than the Flash Memory mode, and then remove the Flash Memory Device. If Flash Memory is removed while its contents are playing, data may be damaged.*
- *When removing Flash Memory, pull it out straight.*
- *If sound is not output or Flash Memory is not recognized even when connected, remove the Flash Memory Device once, and then reconnect.*
- *After removing the Flash Memory, close the cover of the USB Port to prevent dust or foreign objects from entering and causing a malfunction.*

About MP3/WMA/AAC File of Flash Memory

Playing back MP3/WMA/AAC

MP3 files are prepared, and then stored to a Flash Memory Device. This unit can recognize at most 100 folders and 100 files per folder stored in Flash Memory. Playback may not be performed if a Flash Memory Device exceeds the limitations described above.
Do not make a file's playback time more than 1 hour.

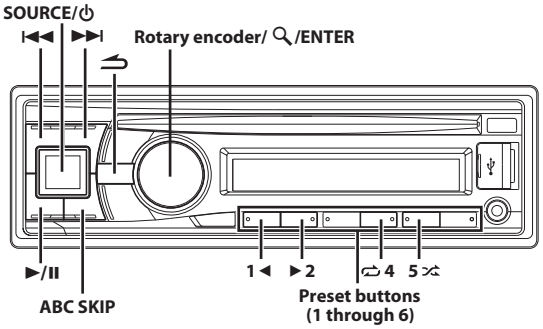
Media supported

Only MP3/WMA/AAC files are supported. Other media types are ignored.

Corresponding File Systems

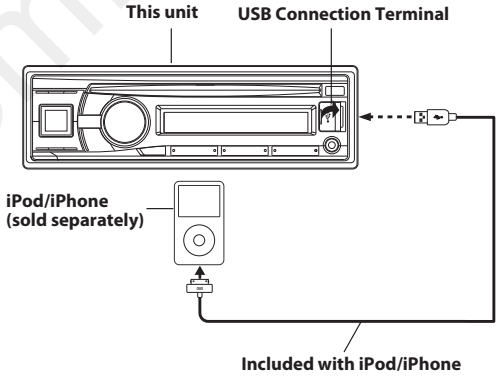
This device supports FAT 12/16/32 for Flash Memory formats.

iPod/iPhone (optional)



Connecting an iPod/iPhone

An iPod/iPhone can be connected to this unit by using the Interface cable for iPod (included with iPod). When an iPod/iPhone is connected to this unit, you can choose to control the iPod/iPhone using its own controls or by the head unit controls. For details, refer to "Setting the iPod Control" on page 37.



Notes

- *An iPhone connected to this unit operates as an iPod. The iPhone can be used as a hands-free device using the integrated Bluetooth module.*
- *Internet and telephone functions of iPod touch or iPhone, etc., can also be used when connecting to the unit. However, using these functions will stop or pause the playing songs, at this time do not operate the unit to avoid a malfunction.*

About iPod/iPhone models usable with this unit

- Confirmed devices regarding Made for iPod. Correct function of earlier versions cannot be guaranteed.
  iPod touch (4th generation): Ver.4.3
  iPod nano (6th generation): Ver.1.0.0
  iPod touch (3rd generation): Ver.4.3
  iPod nano (5th generation): Ver.1.0.2
  iPod classic (160 GB) (Late 2009): Ver.2.0.4
  iPod touch (2nd generation): Ver.4.2.1
  iPod nano (4th generation): Ver.1.0.4
  iPod classic (120 GB): Ver.2.0.1
  iPod touch (1st generation): Ver.3.1.3
  iPod nano (3rd generation): Ver.1.1.3
  iPod classic (80 GB, 160 GB): Ver.1.1.2
  iPod nano (2nd generation): Ver.1.1.3

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iPod with video: Ver.1.3
iPod nano (1st generation): Ver.1.3.1

- Confirmed devices regarding Made for iPhone. Correct function of earlier versions cannot be guaranteed.
  iPhone 4: Ver.4.2.1
  iPhone 3GS: Ver.4.3
  iPhone 3G: Ver.4.2.1
  iPhone: Ver.3.1.3
- For clarity in identifying your model of iPod, please see Apple's own document "Identifying iPod models" at http://support.apple.com/kb/HT1353
- This unit does not support video playback from iPod/iPhone.

Setting the iPod Control

When an iPod/iPhone is connected, operate it from its own controls or from the head unit.

1 **Press and hold 🔍/ENTER/OPTION for at least 2 seconds in the iPod mode.**

The Option menu for iPod mode is activated.

2 **Turn the Rotary encoder to select iPod CONT, and then press 🔍/ENTER.**

The iPod control mode will switch between iPod MODE and HU MODE.

HU (HEAD UNIT) MODE:
Operate the iPod/iPhone via the head unit controls.

iPod MODE:
Operate the iPod/iPhone using its own controls. When iPod is selected, some functions will not be operable via the head unit.

Notes

- *Once the control mode is changed, this will set pause status, press ►/II to continue.*
- *Depending upon the iPod used, iPod control may not be selectable. Or, if iPod is selected, operation must still be from the head unit.*

Playback

1 **Press SOURCE/⏻ to switch to the iPod mode.**

2 **Press I◄◄ or ►►I to select the desired song.**

Pressing and holding I◄◄ or ►►I will fast backward/fast forward the current track.

3 **To pause playback, press ►/II.**

Pressing ►/II again will resume playback.

Notes

- *A song playing on the iPod/iPhone while it is connected to this unit will continue to play from where it was paused after disconnection.*
- *If you listen to an episode from a selected Podcast or Audiobook, the episode can be changed by pressing 1◄ or ►2.*
- *An episode may have several chapters. The chapter can be changed by pressing I◄◄ or ►►I.*
- *During iPod/iPhone playback, press ⮌ , and then you can quickly return to the hierarchy level selected last time in the search mode.*

Searching for a desired Song

An iPod/iPhone can contain thousands of songs. The unit for this reason can make various searches using the search function as shown below. Each music category has its own individual hierarchy. Use the Playlist/Artist/Album/Song/Podcast/Genre/Composer/Audiobook search mode to narrow searches based on the table below.

Hierarchy 1	Hierarchy 2	Hierarchy 3	Hierarchy 4
Playlist	Song	—	—
Artist*	Album*	Song	—
Album*	Song	—	—
Song	—	—	—
Podcast	Episode	—	—
Genre*	Artist*	Album*	Song
Composer*	Album*	Song	—
Audiobook	—	—	—

Note

- *You can select your preferred search mode. Refer to "iPod/iPhone Search Mode Setting" on page 26.*

For example:

Searching by Artist name
The following example explains how an ARTIST search is performed. Another search mode can be used for the same operation, although the hierarchy differs.

1 **Press 🔍/ENTER to activate the search selection mode.**

The "🔍" indicator lights up.

2 **Turn the Rotary encoder to select the ARTIST search mode, and then press 🔍/ENTER.**

SHUFFLEALL*1 ↔ PLAYLIST ↔ ARTIST ↔ ALBUM ↔ SONG ↔ PODCAST ↔ GENRE ↔ COMPOSER ↔ AUDIOBOOK ↔ SHUFFLEALL

**1 Refer to "Random Play Shuffle (M.I.X.)" on page 39.*

Note

- *The display of search mode list varies depending on the setting of iPod LIST. Refer to "iPod/iPhone Search Mode Setting" on page 26.*

3 **Turn the Rotary encoder to select the desired Artist, and then press 🔍/ENTER.**

4 **Turn the Rotary encoder to select the desired Album, and then press 🔍/ENTER.**

5 **Turn the Rotary encoder to select the desired Song, and then press 🔍/ENTER.**

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Notes

- *After pressing and holding* 🔍 **/ ENTER** *for at least 2 seconds while in each hierarchy (except SONG and AUDIOBOOK hierarchy), all songs of the selected hierarchy are played back.*
- *After selecting [ALL] in the search mode with "*" (refer to the table on previous page), press and hold* 🔍 **/ ENTER** *for at least 2 seconds to play back all songs in the iPod/iPhone or selected search mode.*
- *While in the search mode, if you press and hold* ⮌ *for 2 seconds, or no operation is performed for 60 seconds, the search mode is canceled.*
- *In the search mode, pressing* ⮌ *will return to the previous mode.*
- *When search is made during M.I.X. play, the M.I.X. play mode will be canceled.*
- *"NO SONG" will be displayed if there are no songs in the selected playlist in the PLAYLIST search mode.*
- *"NO PODCAST" will be displayed if there is no podcast data in the iPod/iPhone in the PODCAST search mode.*
- *"NOAUDIOBOK" will be displayed if there is no Audiobook data in the iPod/iPhone in AUDIOBOOK search mode.*
- *If "iPod name" stored in the iPod/iPhone is selected in the desired Playlist search mode, and* 🔍 **/ ENTER** *is pressed, you can search for all songs in the iPod/iPhone. Also, if you press and hold* 🔍 **/ ENTER** *for at least 2 seconds, all songs in the iPod/iPhone are played back.*
- *Depending on the iPod/iPhone, podcast search is not supported.*
- *If any one of the* **preset buttons (1 through 6)** *is pressed in the search mode, a search can be made quickly by skipping to the specified location. For details, refer to "Direct Search Function" on page 38.*
- *During search mode, a search can be made quickly by Alphabet search function to find the desired artist or song, etc. For details, refer to "Alphabet search function" on page 38.*

Alphabet search function

The unit's alphabet search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/ PODCAST/GENRE/COMPOSER/AUDIOBOOK search mode, select the first letter of your desired title (album, song, etc.), the titles beginning with this letter are listed. By using this function, you can quickly target any song.

1 **In the search mode, press ABC SKIP.**

The letter selection list is displayed.

2 **Turn the Rotary encoder to select a desired letter (e.g. M), and then press 🔍 / ENTER.**

The titles beginning with "M" are listed.

3 **Turn the Rotary encoder to select the desired title.**

Notes

- *While in Alphabet search mode, pressing* ⮌ *will return to the previous mode.*
- *If the PLAYLIST search mode is used to search for a song, the Alphabet search function is inactive in the song search hierarchy.*
- *This function is applied for letters A-Z.*

Direct Search Function

The unit's direct search function can be used to search for an album, song, etc., more efficiently. In PLAYLIST/ARTIST/ALBUM/SONG/ PODCAST/GENRE/COMPOSER/AUDIOBOOK mode, you can quickly target any song.

In the search mode, press any one of the preset buttons (1 through 6) to quickly skip over a designated percent of your song content.

Song search example:

If there are 100 songs in your iPod/iPhone, they are divided into 6 groups using percentages (shown below). These groups are assigned to the preset buttons (1 through 6).

Example 1:

Suppose the song you are searching for is located at around the middle (50%) of your library: press button 4 to jump to the 50th song and turn the **Rotary encoder** *to find the desired song.*

Example 2:

Suppose the song you are searching for is located near the end (83%) of your library: press button 6 to jump to the 83rd song and turn the **Rotary encoder** *to find the desired song.*

	All 100 songs (100%)					
	0%	**17%**	**33%**	**50%**	**67%**	**83%**
Preset buttons	1	2	3	4	5	6
Songs	1st song	17th song	33rd song	50th song	67th song	83rd song

Select Playlist/Artist/Album/Genre/ Composer

Playlist/Artist/Album/Genre/Composer can be easily changed.
For example, if you listen to a song from a selected album, the album can be changed.

Press 1◄ or ►2 to select the desired Playlist/Artist/Album/ Genre/Composer.

Notes

- *If the song search mode was used to select a song, this function is inactive.*
- *If an album is selected during an artist search, other albums by that artist are searchable.*
- *This function is inactive during shuffle (🔀) playback.*

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Random Play Shuffle (M.I.X.)

The Shuffle function of the iPod/iPhone is displayed as ⤮ on this unit.

Shuffle Albums:
The songs on each album are played back in the order they were recorded. Upon completion of all the songs on the album, the next album is selected randomly. This continues until all albums have been played.

Shuffle Songs:
Song shuffle randomly plays back songs within a selected category (playlist, album, etc.). The songs within the category are played just once until all songs have been played.

1 **Press 5 ⤮.**

The songs are played back in random sequence.

🗀⤮*1 → ⤮*2 → (off) → 🗀⤮

**1 Shuffle Albums.*
**2 Shuffle Songs.*

2 **To cancel M.I.X. play, select (off) with the above procedure.**

Note

- *If a song is selected in the album search mode before selecting M.I.X. play, the songs will not play back randomly even when Shuffle Albums is selected.*

Shuffle ALL:
Shuffle ALL plays all songs in the iPod/iPhone randomly. Any one song does not play back again until all songs have been played back.

1 **Press 🔍/ENTER to activate the search selection mode.**

2 **Turn the Rotary encoder to select SHUFFLEALL, and then press 🔍/ENTER.**

The "ALL ⤮" indicator lights up.

To cancel Shuffle ALL mode, press **5** ⤮ to select OFF.

Note

- *If Shuffle ALL is selected, the selected songs being played back in the search mode are canceled.*

Repeat Play

Only Repeat One is available for the iPod/iPhone.

Repeat One:
A single song is repeatedly played back.

1 **Press 🔁 4.**

The song is played back repeatedly.

🔁* → (off) → 🔁

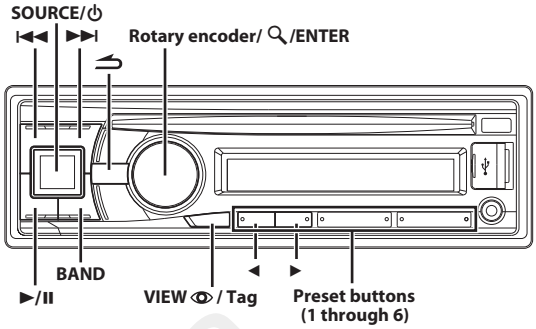
** Repeat One.*

2 **To cancel repeat play, select (off) with the above procedure.**

Note

- *During repeat playback, no other songs are selectable by pressing ⏮ or ⏭.*

SiriusXM Satellite Radio Operation (CDE-HD138BT only, optional)



SiriusXM Tuner operation:
When a SiriusXM Tuner is connected to this unit, the following operations may be performed.

Receiving Channels with the SiriusXM Tuner

About SiriusXM Satellite Radio
Everything worth listening to is on SiriusXM. Get over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. A SiriusXM Tuner and Subscription are required. For more information, visit www.siriusxm.com.

Note

- *The SiriusXM Satellite Radio controls on this unit are available only when a SiriusXM Tuner is connected.*

1 **Press SOURCE/⏻ to activate the Satellite Radio (SIRIUSXM) mode.**

2 **Press ⏮ or ⏭ to select the desired channel.**

Holding down ⏮ or ⏭ will rapidly browse through the channels.
Alternatively, you can enter the number of the desired channel using the numeric keypad on an optional remote control.

Checking the SiriusXM Radio ID Number

To subscribe to the SiriusXM Satellite Radio service, it is necessary to locate and identify the Radio ID of your SiriusXM Tuner. The Radio ID contains 8 characters and can be found on the bottom of your SiriusXM Tuner or can be displayed on when selecting Channel 0 by following the steps below:

1 **While in the Satellite Radio Mode, press ⏮ or ⏭ to select channel "0".**

The unit displays "RADIO ID" and ID number alternately.

Note

- *The Radio ID does not include the letters I, O, S or F.*

2 **To cancel the ID number display, select a channel other than "0".**

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Storing Channel Presets

1 **Press BAND to select the desired band you want to store the preset in.**

There are 3 Satellite Radio Preset bands.
Each press of **BAND** changes the band: SXM1 → SXM2 → SXM3 → SXM1

2 **Tune to the desired channel, and then press and hold (for at least 2 seconds) one of the preset buttons (1 through 6) to store the channel.**

The display then shows the stored Band and preset number (for example, SXM1-3 is shown when preset 3 of BAND1 is selected).

3 **Repeat the procedure to store up to 5 other channels onto the same band.**

Notes

- *A total of 18 channels can be stored in the preset memory, 6 Channels for each band (SXM1, SXM2 and SXM3).*
- *If you store a new channel into a preset which already has a channel assigned, the current channel will be cleared and replaced with the new one.*

Tuning Channels using Presets

1 **Press BAND to select the desired band of Presets you wish to access.**

2 **Press the preset buttons (1 through 6) that has your desired Satellite Radio channel stored in memory.**

Storing the desired Artist/Song

While listening to SiriusXM Satellite Radio, you can be alerted when your favorite songs or artists are playing on other channels. An interruption ALERT will be displayed when a matching artist or song is found on another channel. For receiving interruption ALERT information, refer to "Receiving and Tuning to an Alert" on page 40.

1 **Press and hold 🔍 / ENTER/OPTION for at least 2 seconds when a Song or the song of an Artist you want to store is playing.**

The Option mode is activated.

2 **Turn the Rotary encoder to select ALERT MEMO, and then press 🔍 / ENTER.**

3 **Turn the Rotary encoder to choose SAVE ART? or SAVE SNG? (when available), and then press 🔍 / ENTER.**

Note

- *If either the artist name or song title is not available to save, UNAVAILABL will be displayed.*

4 **The new alert was stored in memory.**

An "ART/SONG SAVED" pop-up screen is followed by an "X U(sed)/Y E(mpty)".
X is the total number of song titles or artist names stored in memory, and Y is the total number of memory locations still available for storage.

Notes

- *If you try to store when the memory is full, "MEM FULL" is displayed followed by "REPLACE/CANCEL". If you want to replace an existing alert item, select "REPLACE" by turning* **Rotary encoder***, and then press* **🔍 / ENTER***, the existing alert list stored in memory is displayed. Select one of the stored alerts using the* **Rotary encoder***. To replace the selected alert, press* **🔍 / ENTER** *and an "ART/SONG SAVED" pop-up screen is followed by an "X U(sed)/Y E(mpty)".*
- *You can manage the stored Alert memory setting on Setup mode, for details, refer to "Managing Artist and Song Alerts" on page 25.*
- *If no operation is performed for 60 seconds, the setting mode is canceled.*

Receiving and Tuning to an Alert

Whenever a stored sports team, artist, or song is playing on another channel, an interruption ALERT appears on the unit display. To tune to the game, artist or song identified by the alert, follow the steps below:

1 **Turn the Rotary encoder to select the desired game, artist or song from the list of active alerts.**

2 **Press 🔍 / ENTER.**

Notes

- *If no operation is performed for 5 seconds, the unit returns to normal mode.*
- *Sports teams/Artist name and Song title which you have stored and which are currently playing will be displayed in a category called "MY GAMES"/"MY MUSIC" in search mode. For details, refer to "Search Function" on page 40.*

Search Function

You can search for SiriusXM programming content by Category or by Channel.

1 **Press 🔍 / ENTER in the SiriusXM mode.**

2 **Turn the Rotary encoder to select the desired Category, and then press 🔍 / ENTER.**

3 **Turn the Rotary encoder to select the desired Channel Name, and then press 🔍 / ENTER.**

Searching by Channel

1 **Turn the Rotary encoder to select ALL CHANS after step 1, and then press 🔍 / ENTER.**

All Channels will be displayed in a list.

2 **Turn the Rotary encoder to select the desired channel, and then press 🔍 / ENTER to confirm.**

Note

- *Press* **VIEW** 👁*, the information of the broadcasting channels will be displayed. You can choose the desired channel from the artist name list or song name list.*

  Each time you press **VIEW** 👁, the display changes as below.

  Channel number → Channel name → Artist name → Song name → Channel number

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Searching by My Music

1 **Turn the Rotary encoder to select MY MUSIC* after step 1, and then press 🔍/ENTER.**

The artist names and song names that you have stored and are currently playing will be displayed in a list.

* *Displayed only when the stored song or artist is broadcasting.*

2 **Turn the Rotary encoder to select the desired artist/song, and then press 🔍/ENTER to confirm.**

The channel of the selected artist/song being broadcast is received.

Note

- *Press* **VIEW** 👁, *the information of the broadcasting channels will be displayed. You can choose the desired channel from the artist name list or song name list.*

  Each time you press **VIEW** 👁, the display changes as below.

  Artist name → Song name → Artist name

Searching by My Games

1 **Turn the Rotary encoder to select MY GAMES* after step 1, and then press 🔍/ENTER.**

The sport teams that you have stored and the game is currently broadcasting will be displayed in a list.

* *Displayed only when the game of stored team is broadcasting.*

2 **Turn the Rotary encoder to select the desired team, and then press 🔍/ENTER to confirm.**

The channel of the selected game being broadcast is received.

Notes

- *During channel search, pressing* **1** ◄ *or* ► **2** *to select another Category.*
- *The Search mode is canceled if you press and hold* ⮌ *for at least 2 seconds, or no operation is performed for 60 seconds in Search mode.*
- *Press* ⮌ *in the search mode to return to the previous mode.*

Using Jump Memory and Jump Recall function

1 **While in SiriusXM mode, select your favorite SiriusXM Channel.**

2 **Press and hold ►/II for at least 2 seconds.**

The channel you selected is stored as the Jump Source.

3 **Press and hold BAND for at least 2 seconds to recall, and then tune to the saved Jump Source channel.**

Note

- *Pressing and holding* **BAND** *again for at least 2 seconds will jump back to the previous mode or SiriusXM channel.*

Replay Function

In SiriusXM mode, you can pause, rewind and replay up to 30 minutes of live SiriusXM Satellite Radio.

1 **While listening to a SiriusXM channel, press ►/II to enter the Replay mode, which mutes the audio.**

The display will show "PAUSED" while in this mode.

2 **Press ►/II again to resume playback of the stored audio from the point at which it was paused.**

During playback, the SiriusXM Tuner will continue to store the channel audio until you exit the Replay mode (up to 30 minutes).

During REPLAY playback:

- Fast rewind:
  Press and hold I◄◄.
- Fast forward:
  Press and hold ►►I.
- Returning to the beginning of the current song:
  Press I◄◄. (If you press I◄◄ in the first 2 seconds of a song, you return to the beginning of the previous song.)
- Advancing to the beginning of the next song:
  Press ►►I.

Notes

- *If you continue to press Fast forward until the end, the Replay mode is canceled, and the unit will change to live SiriusXM radio mode.*
- *If you change channels while in Replay mode, the unit will exit Replay mode to live Satellite Radio mode and clear the Replay memory.*

3 **Press ⮌ to cancel the REPLAY mode.**

The unit returns to live SiriusXM radio mode.

Parental Lock Function

This function can help restrict the listening of channels to children of appropriate age levels only. For information on setting the Parental Control passcode, refer to "Setting the Parental Control" on page 25. When a locked channel is selected, a "CH LOCKED" pop-up screen is followed by a "LOCK CODE?".

Input the 4-digit passcode you set in, and then press 🔍/ENTER, refer to "Setting the Parental Control" on page 25.

Turn the **Rotary encoder** to select the number from 0-9, and then use I◄◄ or ►►I to adjust the digit.
The initial number is 0000.

Notes

- *If you input a wrong passcode, "WRONG CODE" is displayed.*
- *After entering the correct passcode, you can access all locked channels without entering the passcode again until the unit is powered off and then back on.*

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Storing iTunes Tagging information

iTunes Tagging lets you tag songs heard on SiriusXM channels. Using this unit in conjunction with an optional SiriusXM Tuner and a Tagging compatible iPod/iPhone, you can tag the music that you listen to, then transfer the tag information to your iPod/iPhone, and later, when your iPod/iPhone is connected to iTunes, you can preview, buy and download your tagged songs. For details, refer to the Owner's Manual of the Tagging compatible iPod/iPhone.
The ***Tag*** indicator will light when a song playing on a SiriusXM channel has tag information available.

Press and hold VIEW /Tag for at least 2 seconds to save its tag information.

If no iPod/iPhone is connected, "TAG COUNT X" is displayed (X is the total amount of the tag information stored in this unit).

Notes

- *During tagging, the iPod/iPhone takes priority to save the tag information. If no iPod/iPhone is connected, the tag information is saved to this unit.*
- *When the memory of iPod/iPhone is full, "iPod FULL" and "TAG COUNT X" are displayed. The tag information will be stored to the unit.*
- *If the operation is failed, "CANNOT TAG" is displayed.*
- *This unit can store up to 50 tagged songs. When the memory of the unit is full, "TAGCOUNT50" and "MEMO FULL" are displayed.*
- *When an iPod that doesn't support the tagging function is connected, "NON-TAGGING IPOD" is displayed.*
- *When the iPod/iPhone is disconnected from the unit during tagging, its tag information will be stored in the unit.*
- *If there is stored tag information on the unit, when an iPod/iPhone supporting the tag function is connected, the stored tag information will be transferred to the iPod/iPhone automatically. When the iPod/iPhone memory becomes full, "iPod FULL" will be displayed, and any remaining tag information on the unit will not be transferred to the iPod/iPhone.*
- *If tag information already exists, "ALREADY TAGGED" will be displayed when you try to tag information again.*

Changing the Display

Text information, such as the channel name, artist name/feature and song/program title, is available with each SiriusXM channel. The unit can display this text information as explained below.

In SiriusXM mode, press VIEW .

Each time you press this button, the display changes as shown below.

Band/Channel Number → Channel Name* → Artist Name* → Song Title* → Content info.* → Category Name* → Clock → Band/Channel Number

* *If there is no text information, nothing will be displayed.*

Information

In Case of Difficulty

If you encounter a problem, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized Alpine dealer.

Basic

No function or display.

- Vehicle's ignition is off.
  - If connected following instructions, the unit will not operate with the vehicle's ignition off.
- Improper power lead (Red) and battery lead (Yellow) connections.
  - Check power lead and battery lead connections.
- Blown fuse.
  - Check the fuse of the unit; replace with the proper value if necessary.
- Internal micro-computer malfunctioned due to interference noise etc.
  - Press the **RESET** button with a ballpoint pen or other pointed article.

Radio

Unable to receive stations.

- No antenna or open connection in cable.
  - Make sure the antenna is properly connected; replace the antenna or cable if necessary.

Unable to tune stations in the seek mode.

- You are in a weak signal area.
  - Make sure the tuner is in the DX mode.
- If the area you are in is a primary signal area, the antenna may not be grounded and connected properly.
  - Check your antenna connections; make sure the antenna is properly grounded at its mounting location.
- The antenna may not be the proper length.
  - Make sure the antenna is fully extended; if broken, replace the antenna with a new one.

Broadcast is noisy.

- The antenna is not the proper length.
  - Extend the antenna fully; replace it if it is broken.
- The antenna is poorly grounded.
  - Make sure the antenna is grounded properly at its mounting location.

CD

CD Player not functioning.

- Out of operating temperature range +50°C (+120°F) for CD.
  - Allow the vehicle's interior (or trunk) temperature to cool.

CD playback sound is wavering.

- Moisture condensation in the CD Module.
  - Allow enough time for the condensation to evaporate (about 1 hour).

CD insertion not possible.

- A CD is already in the CD player.
  - Eject the CD and remove it.

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- The CD is being improperly inserted.
  – Make sure the CD is being inserted following instructions in the CD Player Operation section.

Unable to fast forward or backward the CD.
- The CD has been damaged.
  – Eject the CD and discard it; using a damaged CD in your unit can cause damage to the mechanism.

CD playback sound skips due to vibration.
- Improper mounting of the unit.
  – Securely re-mount the unit.
- The disc is very dirty.
  – Clean the disc.
- The disc has scratches.
  – Change the disc.
- The pick-up lens is dirty.
  – Do not use a commercially available lens cleaner disc. Consult your nearest Alpine dealer.

CD playback sound skips without vibration.
- The disc is dirty or scratched.
  – Clean the disc; damaged disc should be replaced.

Error displays (built-in CD player only).
- Mechanical error.
  – Press ⏏. After the error indication disappears, insert the disc again. If the above-mentioned solution does not solve the problem, consult your nearest Alpine dealer.

CD-R/CD-RW playback not possible.
- Close session (finalization) has not been performed.
  – Perform finalization and attempt playback again.

MP3

MP3 is not played back.
- Writing error occurred. The MP3 format is not compatible.
  – Make sure the MP3 has been written in a supported format. Refer to "About MP3/WMA/AAC" on page 14, and then rewrite in the format supported by this device.

Audio

The sound is not output from the speakers.
- Unit has no output signal of the internal amplifier.
  – POWER IC is switched to "POW ON", refer to "Connecting to an External Amplifier (POWER IC)" on page 20.

iPod

iPod does not play and no sound is output.
- The iPod has not been recognized.
  – Reset this unit and the iPod. Refer to "Initial System Start-Up" on page 9. To reset the iPod, refer to the Owner's Manual of the iPod.

Indication for CD Player

NO DISC

- No CD is inserted.
  – Insert a CD.
- Although a disc is inserted, "NO DISC" is displayed and the unit does not start to play or eject the disc.
  – Remove the disc by following these steps:
  Press the ⏏ button again for at least 2 seconds.
  If the disc still does not eject, consult your Alpine dealer.

ERROR

- Mechanism error.
  1 **Press the ⏏ button and eject the CD.**
  If not ejecting, consult your Alpine dealer.
  2 **When the error indication remains after ejecting, press the ⏏ button again.**
  If the error indication still does not turn off after pressing the ⏏ button for a few times, consult your Alpine dealer.
- When "ERROR" is displayed:
  If the disc cannot be ejected by pressing ⏏, press the **RESET** button (refer to "Initial System Start-Up" on page 9) and press ⏏ again.
  If the disc still cannot be ejected, consult your Alpine dealer.

UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

Indication for Pandora® Mode

NO STATION

- You have not created any personalized Pandora® Stations.
  – When you are not driving, use the Pandora® application on the smartphone to create your Pandora® station(s).

SEE DEVICE

- The music cannot be played because the Pandora® application on the smartphone requires the user's attention.
  – When you are not driving, please see the Pandora® application on the smartphone.

NO SERVICE

- You switched CDE-HD138BT/CDE-HD137BT to Pandora® mode by pressing **SOURCE / ⏻** with smartphone paired, without launching or installing the Pandora® application on the smartphone.
  – Launch the Pandora® application on the smartphone.
  – Select a source other than Pandora® by pressing **SOURCE / ⏻**.

Indication for Flash Memory

DEVICE ERR

- A USB device that is not supported by the unit is connected.
  – Connect a USB device that is supported by the unit.

NO DEVICE

- A Flash Memory is not connected.
  – Make sure the Flash Memory device is correctly connected and the cable is not excessively bent.

NO FILE

- No MP3 (file) is stored in the Flash Memory.
  – Connect the Flash Memory device after storing songs (files).

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UNSUPORTED

- A sampling rate/bit rate not supported by the unit is used.
  – Use a sampling rate/bit rate that is supported by the unit.

NO SUPPORT

- Text information that is not recognizable by the unit is being used.
  – Change the text information to text that is supported by the unit.

ERROR-01

- Communication error.
  – Turn the ignition key off, and then set to ON again.
  – Check the display by reconnecting between the Flash Memory and this unit.

ERROR-04

- Power surge error.
  Excessive voltage/current is supplied to the Flash Memory.
  – Try another Flash Memory, if available.

Indication for iPod Mode

NO DEVICE

- The iPod/iPhone is not connected.
  – Make sure the iPod/iPhone is correctly connected (refer to "Connections" on page 50).
  Make sure the cable is not bent excessively.

NO SONG

- There are no songs in the iPod/iPhone.
  – Download songs to the iPod/iPhone.

ERROR-01

- Communication error.
  – Turn the ignition key off, and then set to ON again.
  – Reset the iPod.
  – Check the display by reconnecting between the iPod/iPhone and this unit, using the iPod/iPhone cable.

ERROR-02

- Caused by the iPod/iPhone Software Version not being compatible with this unit.
  – Update the iPod/iPhone Software Version to be compatible with this unit.

ERROR-03

- The iPod/iPhone is not verified.
  – Reset the iPod.
  – Try another iPod/iPhone, if available.

ERROR-04

- Power surge error.
  Excessive voltage/current is supplied to the iPod/iPhone.
  – Try another iPod/iPhone, if available.

BLUETOOTH mode

NO UNIT

- The BLUETOOTH device is not connected.
  – Connect the BLUETOOTH device.

SiriusXM Advisory Messages (CDE-HD138BT only)

The following messages may be displayed while operating the unit in SiriusXM mode.

CHEK TUNER

- The SiriusXM Tuner is disconnected or the unit is having trouble communicating with the Tuner.
  – Connect the Tuner or check the Tuner connection to the back of the unit.

CHK ANTENA

- The SiriusXM Satellite Radio antenna or cable is either damaged or not connected correctly to the SiriusXM Tuner.
  – Check that the SiriusXM antenna cable is connected to the SiriusXM Tuner and check that the antenna cable is not kinked or otherwise damaged. Replace the antenna if necessary.

NO SIGNAL

- The SiriusXM satellite signal is too weak at the current location.
  – Move the vehicle to a location with a clear view of the southern sky.
  – Make sure the Satellite Radio antenna is properly mounted and not obstructed by metal objects.

CHAN UNSUB

- The active channel has become unsubscribed or the requested channel is not available in your subscription package.

  Note
  - *The unit will revert to the previous selected channel or to channel 1 automatically.*

  – Visit www.siriusxm.com for information on subscribing to this channel.

CH UNAVAIL

- The active channel is no longer in the SiriusXM channel lineup or the user has entered an invalid channel number.

  Note
  - *The unit will revert to the previous channel or to channel 1 automatically.*

  – Visit www.siriusxm.com for information on the current channel lineup.

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SUBSCRIPTN → **UPDATED**

- Your subscription has been updated.
  – Press any button to clear this message.

CH LOCKED → **LOCK CODE?** → *****

- A locked channel is selected.
  – Input the passcode. On how to input passcode, refer to “Setting the Parental Control” on page 25.

Note

- *If wrong passcode is input, “WRONG CODE” will be displayed and the unit will revert to the previous selected channel.*

MEMORY

- Buffer for Replay will full within 11 seconds.

MEM FULL

- Buffer for Replay is full.

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Specifications

FM TUNER SECTION

Tuning Range	87.7~107.9 MHz
Mono Usable Sensitivity	9.3 dBf (0.8 µV/75 ohms)
50 dB Quieting Sensitivity	13.5 dBf (1.3 µV/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

AM TUNER SECTION

Tuning Range	530~1,710 kHz
Sensitivity (IEC Standard)	22.5 µV/27 dB

CD PLAYER SECTION

Frequency Response	5~20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	105 dB
Channel Separation	85 dB (at 1 kHz)

PICKUP

Wave length	795 nm
Laser power	CLASS I

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	1,000 mA
USB Class	Mass Storage
File System	FAT 12/16/32
MP3 Decoding	MPEG AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file

BLUETOOTH SECTION

BLUETOOTH Specification	BLUETOOTH V 3.0
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile) HSP (Head Set Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile)

GENERAL

Power Requirement	14.4 V DC (11~16 V allowable)
Power Output	18 W RMS × 4*

* *Primary amplifier ratings per CEA-2006 Standard*

- Power output: measured at 4 Ohms and ≤ 1% THD+N
- S/N: 80 dBA (reference: 1 W into 4 Ohms)

Maximum Pre-Output Voltage	2 V/10 k ohms (CDE-HD137BT) 4 V/10 k ohms (CDE-HD138BT)
Bass	±14 dB at 100 Hz (CDE-HD137BT) ±6 dB at 100 Hz (CDE-HD138BT)
Treble	±14 dB at 10 kHz (CDE-HD137BT) ±6 dB at 10 kHz (CDE-HD138BT)
Loudness	10 dB at 100 Hz
Weight	1.5 kg (3 lbs. 4 oz)

CHASSIS SIZE

Width	178 mm (7")
Height	50 mm (2")
Depth	161 mm (6–3/8")

NOSEPIECE SIZE

Width	170 mm (6–3/4")
Height	46 mm (1–13/16")
Depth	25 mm (1")

Note

- *Due to continuous product improvement, specifications and design are subject to change without notice.*

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Installation and Connections

Before installing or connecting the unit, please read the following and refer to "Operating Instructions" on page 6 for proper use.

⚠ WARNING

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.

Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

⚠ CAUTION

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

⚠ PRECAUTIONS

- Be sure to disconnect the cable from the (–) battery post before installing your CDE-HD138BT/CDE-HD137BT. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage to the vehicle's electrical system.
- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the CDE-HD138BT/CDE-HD137BT to the fuse box, make sure the fuse for the intended circuit of the CDE-HD138BT/CDE-HD137BT has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The CDE-HD138BT/CDE-HD137BT uses female RCA-type jacks for connection to other units (e.g. amplifier) having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized Alpine dealer for assistance.
- Be sure to connect the speaker (–) leads to the speaker (–) terminal. Never connect left and right channel speaker cables to each other or to the vehicle body.

IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number or the engraved serial number is located on the bottom of the unit.

SERIAL NUMBER: [ ]
INSTALLATION DATE: [ ]
INSTALLATION TECHNICIAN: [ ]
PLACE OF PURCHASE: [ ]

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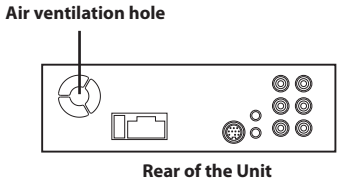
Installation

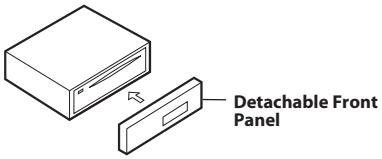


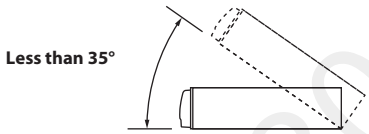
Caution

Do not block the unit's fan or heat sink, thus preventing air circulation. If blocked, heat will accumulate inside the unit and may cause a fire.

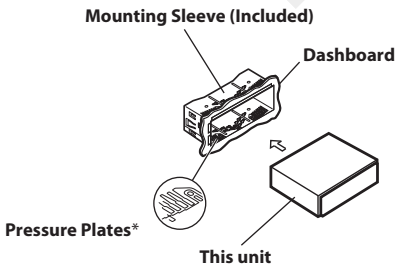
⚠Caution

When you install this unit in your car, do not remove the detachable front panel.
If the detachable front panel is removed during installation, you might press too hard and warp the metal plate that holds it in place.
The main unit must be mounted within 35 degrees of the horizontal plane, back to front.





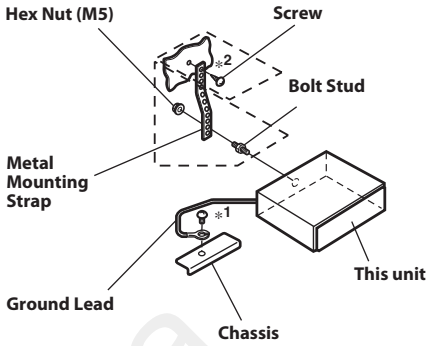
1 **Remove the mounting sleeve from the main unit (refer to "Removal" on page 48).**



* *If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.*

2 **Reinforce the head unit with a metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot using a screw (*1) already attached to the vehicle's chassis.**

Connect each input lead coming from an amplifier to the corresponding output lead coming from the left rear of the CDE-HD138BT/CDE-HD137BT. Connect all other leads of the CDE-HD138BT/CDE-HD137BT according to details described in the CONNECTIONS section.



Note

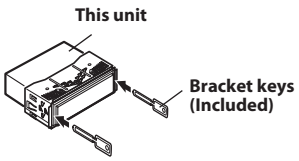
- *For the screw marked "*2", use an appropriate screw for the chosen mounting location.*

3 **Slide the CDE-HD138BT/CDE-HD137BT into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard. Install the detachable front panel.**

Removal

1 **Remove the detachable front panel.**

2 **Insert the bracket keys into the unit, along the guides on either side. The unit can now be removed from the mounting sleeve.**



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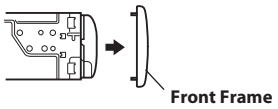
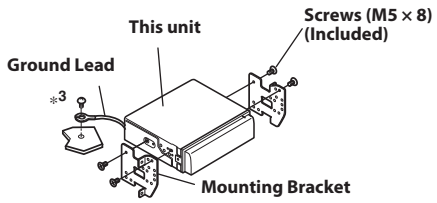
3 **Pull the unit out, keeping it unlocked as you do so.**

JAPANESE CAR





Note

- *Secure the ground lead of the unit to a clean metal spot using a screw (*3) already attached to the vehicle's chassis.*

Mounting the Microphone

For the sake of safety, mount the microphone in the following location.

- In a stable and secure location.
- In a location that does not inhibit safely driving the vehicle.
- Mount the microphone in a location where the driver's voice can easily be picked up.

Choose a location for the microphone that can easily pick up the driver's voice. Requiring the driver to move towards the microphone for audibility causes a distraction that could be dangerous.

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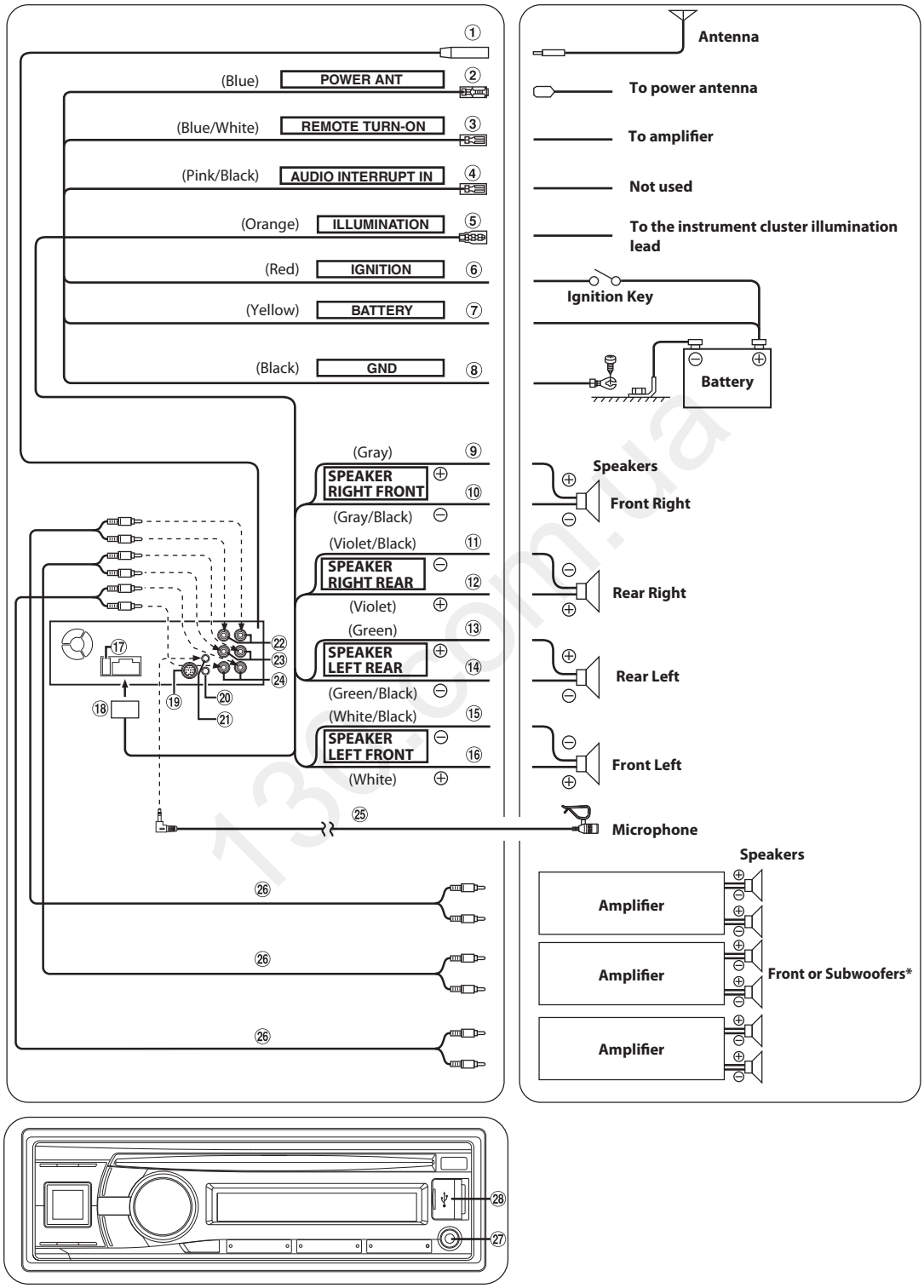
Connections



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① **Antenna Receptacle**

② **Power Antenna Lead (Blue)**

Connect this lead to the +B terminal of your power antenna, if applicable.

Note

- *This lead should be used only for controlling the vehicle's power antenna. Do not use this lead to turn on an amplifier or a signal processor, etc.*

③ **Remote Turn-On Lead (Blue/White)**

Connect this lead to the remote turn-on lead of your amplifier or signal processor.

④ **Not used**

⑤ **Illumination Lead (Orange)**

This lead may be connected to the vehicle's instrument cluster illumination lead. This will allow the backlighting of this unit to dim whenever the vehicle's lights are turned on.

⑥ **Switched Power Lead (Ignition) (Red)**

Connect this lead to an open terminal on the vehicle's fuse box or another unused power source which provides (+) 12V only when the ignition is turned on or in the accessory position.

⑦ **Battery Lead (Yellow)**

Connect this lead to the positive (+) post of the vehicle's battery.

⑧ **Ground Lead (Black)**

Connect this lead to a good chassis ground on the vehicle. Make sure the connection is made to bare metal and is securely fastened using the sheet metal screw provided.

⑨ **Right Front (+) Speaker Output Lead (Gray)**

⑩ **Right Front (–) Speaker Output Lead (Gray/Black)**

⑪ **Right Rear (–) Speaker Output Lead (Violet/Black)**

⑫ **Right Rear (+) Speaker Output Lead (Violet)**

⑬ **Left Rear (+) Speaker Output Lead (Green)**

⑭ **Left Rear (–) Speaker Output Lead (Green/Black)**

⑮ **Left Front (–) Speaker Output Lead (White/Black)**

⑯ **Left Front (+) Speaker Output Lead (White)**

⑰ **Fuse Holder (10 A)**

⑱ **Power Supply Connector**

⑲ **SiriusXM Tuner connector (CDE-HD138BT only)**

Connect to a SiriusXM Tuner.

⑳ **Steering Remote Control Interface Connector**

To steering remote control interface box.
With an optional Alpine Steering Wheel Remote Control Interface Box (not included), this unit is controllable from the vehicles steering wheel controls. For details, contact your Alpine dealer.

㉑ **MIC Input Connector**

To Microphone.

㉒ **Front Output RCA Connectors**

RED is right and WHITE is left.

㉓ **Rear Output RCA Connectors**

RED is right and WHITE is left.

㉔ **Subwoofer Output RCA Connectors**

RED is right and WHITE is left.

㉕ **Microphone (Supplied)**

㉖ **RCA Extension Cable (sold separately)**

㉗ **Front AUX Input Terminal**

This terminal allows for input of audio from an external device (such as a portable player), using a commercially-available converter cable.

㉘ **USB Connection Terminal**

Connect this to Flash Memory or to an iPod/iPhone.

To prevent external noise from entering the audio system.

- **Locate the unit and route the leads at least 10 cm away from the car harness.**
- **Keep the battery power leads as far away from other leads as possible.**
- **Connect the ground lead securely to a bare metal spot (remove any paint, dirt or grease if necessary) of the car chassis.**
- **If you add an optional noise suppressor, connect it as far away from the unit as possible. Your Alpine dealer carries various noise suppressors, contact them for further information.**
- **Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.**

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LIMITED WARRANTY

ALPINE ELECTRONICS OF AMERICA, INC. AND ALPINE OF CANADA INC. ("Alpine"), are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

● PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased in the U.S.A. are covered only in the U.S.A.

● LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

● WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

● WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

● WHAT IS NOT COVERED:

This Warranty does not cover the following:

① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
② Damage caused by accident or abuse, including burned voice coils caused by over-driving the speaker (amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips). Cracked or damaged LCD panels. Dropped or damaged hard drives.
③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
④ Damage caused by act of God, including without limitation, earthquake, fire, flood, storms or other acts of nature.
Any cost or expense related to the removal or reinstallation of the product.
⑤ Service performed by an unauthorized person, company or association.
⑥ Any product which has the serial number defaced, altered or removed.
⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
⑨ Any product not purchased from an Authorized Alpine Dealer.

● HOW TO OBTAIN WARRANTY SERVICE:

① You are responsible for delivery of the product to an Authorized Alpine Service Center or Alpine for repair and for payment of any initial shipping charges. Alpine will, at its option, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered by the warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
② You should provide a detailed description of the problem(s) for which service is required.
③ You must supply proof of your purchase of the product.
④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

● HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT.

● HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM "CONSEQUENTIAL DAMAGES" REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

● HOW STATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. In addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

● IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

● HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

CAR AUDIO	**1-800-ALPINE-1 (1-800-257-4631)**
NAVIGATION	**1-888-NAV-HELP (1-888-628-4357)**

Or visit our website at; http://www.alpine-usa.com

ALPINE ELECTRONICS OF AMERICA, INC., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
ALPINE ELECTRONICS OF CANADA, INC., 777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
Do not send products to these addresses.
Call the toll free telephone number or visit the website to locate a service center.

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About the Rules of Bluetooth Electromagnetic Radiation Regulation

USA/Canada	This device complies with Part 15 of the FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device. **FCC WARNING** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
México	La operación de este equipo está sujeta a las siguientes dos condiciones: (1) Este dispositivo no puede causar interferencia perjudicial, (2) este dispositivo debe aceptar cualquier interferencia recibida, incluyendo interferencia que puede ser causada por la operación no deseada del equipo (que puede causar un funcionamiento no deseado).

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Don't forget to take a moment to protect your purchase by registering your product now at the following address: www.alpine-usa.com/registration.

N'oubliez pas de consacrer un moment à la protection de votre achat en enregistrant votre produit dès maintenant à l'adresse suivante : www.alpine-usa.com/registration.

Recuerde que con solo unos pocos pasos podrá proteger su producto, registrándolo a través de la siguiente dirección: www.alpine-usa.com/registration.